

20000501.qrp v01_n808.qrl.20000501

Date: Mon, 1 May 2000 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1808

QRP-L Digest 1808

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- 2) [69095] QRPTTF: N0UR
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- 3) [69096] HAPPY DANCE
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- 4) [69097] QRP TTF SUMMARY
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- 5) [69098] cAJUN MoJo / MYSTERY ANTENNA =
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- 7) [69100] QRPTTF and RedHot Radios in the mountains
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- 15) [69108] Positive Hulls on A1 Boats
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- 16) [69109] Pacific Crest Trail: Gody's Adventure Webpage
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- 17) [69110] Re: qrpttf-almost
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- 18) [69111] QRPTTF
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- 19) [69112] QRPTTF: NK3ST results

- by "Nick Yokanovich" <k3ny@toad.net>
- 20) [69113] SMK-1
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- 22) [69115] SMK-1 Problem Report
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- 23) [69116] KITS: goofy-lookin' goose-shaped SMD holder-downer doofus
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- 24) [69117] Problems with Sierra 5 watt mod
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- 25) [69118] Portable Ant Supports--from Wal-Mart
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- 31) [69124] Re: Problems with Sierra 5 watt mod
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- 32) [69125] MAY SPARTAN SPRINT
by David M Kopacki <kf2ew@juno.com>
- 33) [69126] Re: SMK-1:No receive
by Dick Carroll <dixie@townsq.com>
- 34) [69127] qrpttf pics
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 35) [69128] QRPTTF-W1VT
by "Lau, Zack, W1VT" <z1lau@arrl.org>
- 36) [69129] NS80 qrpttf log
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 37) [69130] SMK-1
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 38) [69131] QRPTTF - WT9S
by Jay Freeman <jayFreem@direcpc.com>
- 39) [69132] QRPTTF Report from Sam AE4GX ST. Simons Island, GA NA-058
by "sam billingsley" <ae4gx@mindspring.com>
- 40) [69133] IC 728 question
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 41) [69134] RE: IC 728 question
by "Andreas Junge" <andreas@OpenGrid.com>
- 42) [69135] Good weekend for QRP (long)
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 43) [69136] W0CH / MM QRPTTF

by "David Bixler" <DBixler@co.seneca.k12.mo.us>
44) [69137] Re: ARCI Contest Web Pages
by "Rod, NØRC" <n0rc@qsl.net>
45) [69138] KU7Y QRPTTF
by Monte Stark <ku7y@dri.edu>
46) [69139] SMK-1 S/N 256 alive and well
by Allen Randy <Allen_Randy@prc.com>
47) [69140] RE: SIX METERS AND QRP !!!
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
48) [69141] QRPTTF: AE9K
by Bcieslak@ra.rockwell.com
49) [69142] LIST: Great postings guys
by "Doug Hendricks" <ki6ds@hotmail.com>
50) [69143] Re: KITS: goofy-lookin' goose-shaped SMD holder-downer doofus
by mahlon.r.haunschild@ac.com
51) [69144] 14V SMK-1 PS info - Correction
by "KA5T Larry Wise" <lewise@inetport.com>
52) [69145] PSK31 info
by Patrick Franzis <old_radios@yahoo.com>
53) [69146] QRQ Net Practice Sentences.
by Ed Loranger <we6w@qsl.net>
54) [69147] QRPTTF ALØHA Report
by Dean W Manley <kh6b@juno.com>
55) [69148] RE:QRQ Net Sentences.
by Ed Loranger <we6w@qsl.net>
56) [69149] RE: IC 728 question
by Karl Kanalz <KKanalz@excel.com>
57) [69150] QRPTTF
by Ed Loranger <we6w@qsl.net>
58) [69151] HF rig for sale
by "Dick Witzke" <ke8kl@tucker-usa.com>
59) [69152] NOGA QRP TTF Report
by Michael C Boatright <ko4wx@mindspring.com>
60) [69153] RE: IC 728 question
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
61) [69154] SMC-1 #20 working
by Howard Myers <howardw7ilw@cableone.net>
62) [69155] SMK-1 #20 working
by Howard Myers <howardw7ilw@cableone.net>
63) [69156] Re: SMK-1 -- That glow you see on the eastern horizon...
by Michael C Boatright <ko4wx@mindspring.com>
64) [69157] ?NorCal 40 - PC layout and schematic, etc?
by Tony <ad6id@arrl.net>
65) [69158] Wilderness Minilog
by "Carel Mulder, PAØCMU" <cmulder@casema.net>
66) [69159] Cheap picture of my goofy-lookin' goose-shaped SMD holder-downer
doofus
by mahlon.r.haunschild@ac.com

- 67) [69160] Re: SML Question/QRPTTF short Report
by Michael C Boatright <ko4wx@mindspring.com>
- 68) [69161] RE: Cheap picture of my goofy-lookin' goose-shaped SMD holder-downer doofus
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 69) [69162] new ideas??
by "Jim McKinley" <flyable@starpower.net>
- 70) [69163] QRPTTF, class act & great job to all
by "Charles Mabbott" <crmabbott@mediaone.net>
- 71) [69164] Re: SML Question
by tailfeathers@juno.com
- 72) [69165] Request SMK-1 contacts
by n4so@juno.com
- 73) [69166] [QRP-L HOCKEY] Re: Request SMK-1 contacts
by "Paul R. Valko" <prvalko@oakland.edu>
- 74) [69167] RE: SIX METERS AND QRP !!!
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 75) [69168] Re: <http://www.qsl.net> web pages
by Bruce Rattray <rattray@gpfn.sk.ca>
- 76) [69169] RE: <http://www.qsl.net> web pages
by "Ed Tanton" <n4xy@att.net>
- 77) [69170] No response??
by RangerSF5@aol.com
- 78) [69171] Re: FS QRP RIG
by "Lynn Simons" <lynnsimons@mindspring.com>
- 79) [69172] Great Britain QSL Bureau address
by "Lynn Simons" <lynnsimons@mindspring.com>
- 80) [69173] SMK-1 NJQRP case where are they?
by Randy & Cara Randall <crrandal@seidata.com>
- 81) [69174] Re: Sound card help
by "laura halliday" <marsgal42@hotmail.com>
- 82) [69175] Re: Cheap picture of my goofy-lookin' goose-shaped SMD holder-downer doofus
by n5ib@juno.com
- 83) [69176] SMK-11 - I did it!
by "Maddog 'n' Miracles" <maddog@io.com>
- 84) [69177] FS K2
by W8IRQ@aol.com

Date: Sun, 30 Apr 2000 16:00:45 -0700
From: Randy Foltz <rfoltz@turbonet.com>
To: qrp1_post <qrp-1@lehigh.edu>
Subject: [69094] Snake River TTF
Message-ID: <390CBB1D.5D40D346@turbonet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Howdy, Gang.

I did TTF from the banks of the Snake River in WA. This is the section that Lewis and Clark took the Pacific in 1805.

I canoe about a mile upstream from the boat ramp above Lower Granite Dam. At this location the canyon, which is about 1500 feet deep, runs E-W. I set up a 20 m hamstick and a 15 m vertical on a Black Widow pole.

The 50 or so contacts I made ranged from CT and NY to CA and UT. Both NM and TX, which were over the canyon walls to the south, were well represented.

No wind and few boats made for a very calm day. One of the boats was a fish finding boat with two yagis to track radio tagged salmon. Other companions were chuckars, pheasant, doves, and two hawks discussing what to do with the snake one of them had caught.

A great day.

73,
Randy
K7TQ
Moscow, ID

Date: Sun, 30 Apr 2000 19:30:16 EDT
From: N0UR1@aol.com
To: qrp-l@lehigh.edu
Cc: n0ur@yahoo.com
Subject: [69095] QRPTTF: N0UR
Message-ID: <6d.3324f93.263e1c08@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

This is becoming one of my favorite contests. Plenty of stations to work, and not many HO stations, lots of people got out for this one.

After not being able to line up a boat (in the land of 10,000 lakes) I decided to take advantage of the Great Lakes/Ocean mult. With Lake Superior two hours north of me, and a perfect wx forecast I was ready to go. I

remembered a spot on the Superior Hiking Trail which was on a vista with a beautiful view of the lake, and not too far from the parking lot.

To make a long story short, I did not realize how much work it is to haul all my gear, a mile and a half, straight up hill. A trail full of logs, rocks and mud. I used a small cart designed to carry kids behind a bicycle. I was not thinking when I loaded a huge 130 a/h deep cycle battery, a tub carrying my radio, laptop and assorted gear, my playmate cooler filled, and a lawn chair. This thing must have weighted 150 lb. An hour later I was at the top, exhausted. I flung my center c/f zepp up in the highest tree I could find, 20 feet, and tied the ends to whatever fit, at 5 feet.

At 1640Z I was on the air. I had to sit on the ground, cross-legged, to see the computer screen, and propped the radio and tuner on the cart. I pretty much stayed that way for the next 6 hours. I have no idea what the hikers who passed by thought, I would just smile and say hello. By the way, going back down was a piece of cake.

Rig was my trusty IC-735 (what a workhorse) @ 5 watts, and NA software. There is something about using a computer and a radio sitting on a rock in the middle of the woods, overlooking Lake Superior, which I enjoyed.

Highlights were having AL0HA answer my CQ on 10 meters, and working Mert (W0UFO), my MN QRP buddy, who set up in Duluth. We ended up having dinner together on my way home that night.

Ended up with 150 Q's. Still have to go through log and tally score. Hope to have some photos to share soon.

72's
Jim N0UR

Date: Sun, 30 Apr 2000 19:36:29 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: eleccraft@qth.net, "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, Bill Cole <billc@dandy.net>, Dave Marshall <n8oay@sprintmail.com>, Don Schimmel <dwschiml@intrepid.net>, Ed Muro <kc2ayc@banet.net>, John McColman <trunkscan@home.com>, Subject: [69096] HAPPY DANCE
Message-ID: <390CC37D.404F5D8C@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K2 #946 is alive and well!!!!!!!!!!!!!!

I finished up the alignment between "Honey Do's" and just got done with a nice QSO with K4JYS. (Incidentally he was running an old Knight transmitter so we had two ends of the hobby represented in the QSO)

The rig went together with no hitches and I am looking forward to many happy hours chasing signals.

Now to decide which accessories I want to cram into the case.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sun, 30 Apr 2000 19:40:26 EDT
From: K5KW@aol.com
To: qrp-l@lehigh.edu
Subject: [69097] QRP TTF SUMMARY
Message-ID: <65.3a5e6c9.263e1e6a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

All,

After a night's sleep following the contest, and a big plate of bar-b-que at WE5J's restaurant on Lake Eufaula (OK) today, I was ready to tackle figuring my score or to even wrestle a bear. (Jerry's bar-b-que sauce has that effect on folks).

All contacts were on 20 and 15 meters from the home QTH at 5 watts output using a tri-band yagi at 40 feet.

Contest summary is as follows:

Final Score: 1,675 contest points X 58 spc's X 1 = 97,150 points

A total of 36 different states were logged, including Alaska and Hawaii

Five Canadian provinces were logged.

Three Foreign DX Stations were logged.

The fun...immeasurable !!

Thanks again to all the stations whom I contacted.

72,

Don, K5KW

"From Meadowlark Aerodrome on the rippling shores of Lake Eva, in the heart of the Morris-Boynton metroplex of east central Oklahoma, where every day is a sunny day".

Date: Sun, 30 Apr 2000 20:13:31 -0400
From: hamjoel@juno.com
To: elecrafft@qth.net, qrp-1@lehigh.edu
Subject: [69098] cAJUN MoJo / MYSTERY ANTENNA =
Message-ID: <20000430.201339.-215703.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

HIGH all bodies...

Well it done happen.... UR4EYN, IGOR... Done give me a 585 on sstv while I was using the Cajun MOJO and that funny wire ant for twenty meters... I sent and received two pictures from / to him...

He singled the qrp station out.... told everyone else to get lost... and gave me his full attention... an't that nice... finally get some respect... :-)

I tell u man.... iff u wanna make some happy changes in u life... got urself a good wife or a K2 !!!!!

An't nuttin gonna be the same after dat... (I done both)

ke1la joel
in maine
thinking cajun

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 30 Apr 2000 20:25:33 -0400
From: S LYON <sslyon@worldnet.att.net>
To: ogbc@mindspring.com, chat qrp <qrp-1@Lehigh.EDU>
Subject: [69099] Re: First Kit
Message-ID: <390CCEFD.7F395EB2@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One man's opinion:

* Start simple, and inexpensive, and utilitarian, such as r.f. probes, measurement gear, antenna tuners, power supplies. Look up various gear in magazine and journal articles, club offerings on the net, NJQRP, for instance. Proceed as skill/success allow.

* Then build a good transceiver that will provide rewards rather than frustrations. The Small Wonder Labs 40+ is a particular value with it's companion "ELMER" series... a technical course in the box and the book or on the net that can't be beat. Others you see mentioned on this list are excellent as well and you'll notice the fascination is so ardent that most of us build and "collect" several kinds -and seldom sell them.

The important thing is to DO IT -whatever that first step is... and keep going. Hope to hear from you as things progress!

72

=s=

Ken Kirkley wrote:

>

> Hi All,

> I would like some suggestions on an easy to build first QRP kit. I have
> been reading up on QRP for awhile and would love to try it, but am not
> sure which kit to go with. Don't want to invest a bundle. Am only
> mediocre with a soldering iron at present.

>

> Thanks for any input.

>

> 73, Ken/K4KGK

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sun, 30 Apr 2000 20:32:24 EDT

From: K7GT@aol.com
To: qrp-1@lehigh.edu
Subject: [69100] QRPTTF and RedHot Radios in the mountains
Message-ID: <25.50fa4a5.263e2a98@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I just returned from a 2 1/2 day backpack trip along the Ohlone Trail between two local 'wilderness parks' in northern CA. My QRPTTF effort wasn't nearly as substantial as in past years but still lots of fun. As I was hiking out (a 10 mi day with a 40# pack) I stopped for 3 hours of operating (+ 1 hour of antenna play) right next to the trail. The site was described earlier. In those three hours, I worked 29 ops, 11 SPC, and have a score (if I would bother to send the log in) of 14015.

Stations worked were: WA9WAC K6UIZ K7TQ N7KE N7KT
 N0SXX WA6NAE AA5B AD6JV
W3CD
 AK7Y N1IE AK1P N6WG KI6DS
 KV7S NK7M N7XT K5AAR KK6MC/5
 NQ7X W0CQC AB0CD AE6N W0YSE
 W7TAO NK9G W0RW WA7LNU.

The most distant station worked was WI. 20m seemed weak from my location although most of the stations were worked there. 40m was shy on signals but they were adequately strong.

The real fun for me was working portable at a high campsite on the trail. It was located about 400' below the summit of Rose Peak and at elev 3480'. I set up a 20m dipole aimed NE (at EU) and a 40m inverted dipole for some local work. 20m was lots of fun. I worked IK0YUV, SM3DBU, RH1A, UA3AJ, HA6NL, RV3DND, SM5IMO, S5A, YL2UZ, LZ2RS/QRP !!, and DL5YCI. The RH1A station, Turkmenistan, was country 220 worked overall and done QRP from inside a backpacking tent.

Rig used: RH40 and NC20. Whiterook MK48 paddle/key, 10 D cell pack (the one I used in Yosemite last summer...still trying to wear out those batteries!). Antennas were simple coax-fed dipoles. The RedHot Radio rigs worked out just fine in the field. My only problem was noting which band I was on occasionally in the heat of battle during QRPTTF: they look identical at first glance.

73 Allan K7GT

Date: Sun, 30 Apr 2000 20:43:15 -0400
From: Dan Benard <trackerdan@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69101] Re: SMK-1:No receive
Message-ID: <390CD323.7F563B0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all for the suggestions. I think I have made some progress.

Latest update....

I pulled the xtals off the board a smidgen... no help. So I took them both out and put the TX xtal into the RX holes... voila!! Receive!! But then, pop..crackle..pop.. some awful "crunching" noises from the phones, and LOUD, too. Well, better than before. So I put the old RX xtal into the TX spot, and it worked too! Don't ask me... Anyway, I started tapping around the rcv section, and seemed like C1 was responding to touch. So I replaced it with a non-SM part... no help. Then it was on to R1... replaced it, and finally got rid of the crackling noise. Now it receives like a champ... only NOT in the ham band. I am getting Radio Canada International like gangbusters!! I don't know enough about DC receivers to know what this means. Is my rcv xtal oscillating, or am I just detecting the strongest signal (I'm not near any broadcast stations)?? I get definite peaks on TC1 and TC2 now, so I think I'm near 7 MHz, just don't know where. Anyone have any ideas, please??

Thanks, Dan W1RDB

Dan Benard wrote:

>
> Oh, yeah, almost forget... I don't get any sidetone at all.
>
> Dan Benard wrote:
> >
> > Greetings,
> >
> > Well, the solder flowed and the chips fell (on the carpet... same EXACT
> > color as an SM cap!), and now half of the SMK-1 works, I think. The TX
> > seems ok, I can hear it on another receiver, and it responds to the TX
> > tuning control, puts out about 1/4 watt. But, alas, no receive. I can
> > hear a steady hiss from the audio amp, but no RX noise, and no peaks on
> > TC1 or TC2. I have checked the supply voltage on pin 8 of the SA612, ok

> > at 6V. I also see tuning voltage on the top of D3 and D4. But I don't
> > think X1, the receive crystal is oscillating. Should I be able to hear
> > that on another receiver with a pick up wire close by?? This receiver is
> > so simple, I don't know what else I can do to troubleshoot it, other
> > than to start replacing parts (not looking forward to that with SM
> > components!!). I have tried connecting the antenna to the wiper of
> > VR1... nothing. If I go to the top of C1, I get a POP in the headphones,
> > the audio goes away for a couple of seconds, then recovers, but still no
> > signals.
> > If would be interested in hearing any other suggestions. I have been
> > over the board several times looking for obvious things, like unsoldered
> > ends of components, solder bridges, mismatched polarities, etc, so I
> > think I'm ok there. My next thought would be to replace the 612 (ugh).
> >
> > Thanks in advance!!
> >
> > 73, Dan W1RDB
> > Merrimack, NH

Date: Sun, 30 Apr 2000 20:54:41 EDT
From: K4NK@aol.com
To: qrp-l@lehigh.edu
Subject: [69102] re: F/S Ten Tec
Message-ID: <6.5552088.263e2fd1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Gang;

I have sold the MFJ tuner...thanks

I have several request if I would take a "Big Rig" in trade for the Ten Tec station..well make an offer

Also I have been given a yaesu FT726r dual band with satillite board to sell for a friend...nice rig\$500 shipped

72 Les

Date: Sun, 30 Apr 2000 21:14:34 EDT
From: K4NK@aol.com
To: qrp-l@lehigh.edu
Subject: [69103] six meter qrp

Message-ID: <ae.46d3843.263e347a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For those that are interested just worked C02KK on 50.125+ CW with a few watts.

He is still calling..... 72 Les K4Nk

Date: Sun, 30 Apr 2000 20:23:09 -0500
From: "Mike Mullins" <mmullins@mastnet.net>
To: "QRP-L post message" <qrp-l@lehigh.edu>
Subject: [69104] Norcal 20 Improvements?
Message-ID: <000d01bfb30c\$00a11780\$6bd542ce@downstairs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One of the mods which was suggested by someone (AD6A?) which has not been widely disseminated is to put a 100K resistor in series with the AFA xtal. The xtal is overdriven by the AFA, and the resistor reduces the xtal power. I didn't do this mod, since I had been using the rig extensively, and didn't have a problem. Well, it just quit, and you don't know how much you use the AFA until it's gone. I ordered another xtal, and I will definitely put in the mod.

73 de Mike KD5CMN in STX

Date: Sun, 30 Apr 2000 21:31:48 -0400 (EDT)
From: Bob Kerby <w4bld@juno.com>
To: qrp-l@lehigh.edu
Subject: [69105] Ten-Tec Tube QRP Wanter
Message-ID: <385473019.957144708916.JavaMail.root@web127-wra.mail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to all!!! I am looking for a set of the Ten-Tec tube-type qrp items offered in the 60's. Anyone got a set or know where I might start my looking? Thanks, Bob

Date: Sun, 30 Apr 2000 21:22:15 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: qrp-1@lehigh.edu
Subject: [69106] qrpttf-almost
Message-ID: <390CDC45.406695E4@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well....I accidentally stumbled in to the contest this weekend. I was camping with my sons scout troop, helping to run an astronomy interpretive session, at Marianna Caverns State Park (on the headwaters of the Chipola River) and brought the mfj along. Got a new 80m dipole up and fed it on 20m. Discovered too late that one of the support trees had PI growing around the base. I am really allergic to this stuff...usually all I have to do is look at it and I develop a severe case of contact dermatitis. Now I'm sweating out the incubation period to see how bad the damage will be.

At any rate, I showed up on 20M and the band suddenly came alive. It was obviously a contest but I could not figure out which one. Finally, I worked N0EA who was trying to tell me what exchange I needed to be sending. Due to all of the distractions in the camp, I did not do a very good job of copying. Finally he asked me if I read the rules....I told him that I was not aware of the test and had just wandered into it. dont think that he was amused. Mea culpa. At any rate, for those of you who worked me, I was operating /FL/PO for the test.

A little while later the scouts went down in the cave system and I got back on lower end of the band. 20 M was fine and the mfj never ceases to amaze me. Next time, I'll check the calander and be prepared.

Henry
N5HF

Date: Sun, 30 Apr 2000 21:37:45 EDT
From: "Mark Adams" <k2qo@hotmail.com>
To: qrp-1@lehigh.edu
Cc: W2IV@aol.com
Subject: [69107] QRPTTF: K2Q0 Results
Message-ID: <20000501013745.45217.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Gang,

QRPTTF here on the shores of beautiful Lake Erie at Evangola State Park was nothing short of super FB! John, W2IV, and I (Mark, K2Q0) teamed up for a great day of playing hooky from the Honey Do's.

But first, my apologies to all the op's on the other end who thought that we were operating while intoxicated. I talked John into using my laptop with TR. That was not the wisest move as there was some confusion at times. I think we lost a couple of QSO's due to this.

As for the operating, we compiled 94 QSO's for 1240 Pts with 52 mults. Figuring our location mult as 4, our score is about 157,000. I will check more carefully after ANOTHER days rest.

The equipment here was an Argosy II with an MFJ tuner to either a 66' doublet up about 35' or a Mosely Mini-3 bander up 20'. An old Compaq laptop and 105 A-hr battery rounded out the major equipment. All this was set up at the edge of a 50' cliff overlooking the lake.

Lest anyone think that we "cheated" with the beam, I can honestly say that fewer than 20% of the QSO's were make with it! The dipole was better on virtually all of the signals. John expertly set the beam up, it was well tuned SWR-wise, but it just did not play well. So, the backup antenna did the bulk of the work.

Now all that is left is getting the photos developed and turned in with the official log. Oh yeah, we also need to figure out why every time John sat down at the rig the QSB squashed the bands, and when I took my turn, the QSO's rolled in. Maybe it really is the 13 SS screws that were used to put my hip together on the day of QRPTTF 1996!

CU all next year on what has become one of the best contests of the year.

72, Mark K2Q0, ex-N2VPK
and John, W2IV

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Date: Sun, 30 Apr 2000 20:38:22 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>

To: qrp-1@lehigh.edu
Subject: [69108] Positive Hulls on Al Boats
Message-ID: <KIMCINMEMNMOBAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

All,

Thanks for the inputs. most said I should get a few good references on the subject and I will do just that. I've got an old-timer ham buddy at work who is an E.E. and P.E. and I'll talk it over with him. He's been a goldmine of information in the past.

At least one of you did say you've seen this practice in the past as a way to minimize electrolytic corrosion. Well, I should never have assumed I knew how it was wired. If someone else does not make the same mistake I did, I'll feel that my experience served some purpose.

73/72,

Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

Date: Sun, 30 Apr 2000 18:47:56 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [69109] Pacific Crest Trail: Gody's Adventure Webpage
Message-ID: <390CE24C.5539F6B@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, I'm not sure if this was passed along,
but Larry, KR6LO is keeping a webpage covering
Gody's adventure along the Pacific Crest Trail.

Here it is:
<http://pct2k.homestead.com/p1.html>

Gotta run now, The QRQ Net starts in 12 minutes!
-Ed

--
72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Sun, 30 Apr 2000 21:25:14 -0700
From: Wayne <walexan@ipa.net>
To: qrp-1@Lehigh.EDU
Subject: [69110] Re: qrp-1@Lehigh.EDU
Message-ID: <4.3.1.2.20000430212459.00a81b10@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

At 09:22 PM 4/30/00 -0700, you wrote:
>Did you work N0EA on 20m? If so I know the Operator.
>We were using my call in the contest.Sorry if he Offended you.
>Hope you had fun.
>
>
>
>>At any rate, I showed up on 20M and the band suddenly came alive. It
>>was obviously a contest but I could not figure out which one. Finally,
>>I worked N0EA who was trying to tell me what exchange I needed to be
>>sending. Due to all of the distractions in the camp, I did not do a
>>very good job of copying. Finally he asked me if I read the rules....I
>>told him that I was not aware of the test and had just wandered into it.
>>dont think that he was amused. Mea culpa. At any rate, for those of
>>you who worked me, I was operating /FL/PO for the test.

73,
Wayne
N=D8EA

Date: Sun, 30 Apr 2000 20:35:20 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>,

AZ QRP Group <azqrp@extremezone.com>

Subject: [69111] QRPTTF

Message-ID: <Pine.LNX.3.95.1000430201930.19564A-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Certainly not the best of conditions but even though I have a low score, I had lots of fun with each contact....nothing heard on 10mtrs and 15 mtrs was vy sparse...started at 1500Z and was able to stay on until 1800Z when family matters became my priority...I think the water theme is a good one and bears repeating...maybe I can get on Wascana Lake here next time...tnx to everyone I contacted and sincere thanks to the people who put this operating event on the air so the rest of us could play and have fun!.....here is my little log.... ;-)

(1) -	04-29-00	- 1529Z	- 15 mtrs	- K5KW	- 559/559	- OK	- HO	-
(2) -		- 1545Z	- 20 mtrs	- W4GGM	- 559/559	- TN	- FD	-
(3) -		- 1617Z	- 20 mtrs	- W9XU	- 559/559	- WI	- OC	-
(4) -		- 1625Z	- 20 mtrs	- W5TB	- 559/559	- TX	- WT	-
(5) -		- 1644Z	- 20 mtrs	- N8XI	- 559/559	- MI	- HO	-
(6) -		- 1649Z	- 20 mtrs	- AB8DF	- 559/559	- MI	- WT	-
(7) -		- 1657Z	- 20 mtrs	- N0UR	- 559/559	- MN	- OC	-
(8) -		- 1710Z	- 20 mtrs	- KG9PQ	- 559/559	- IL	- FD	-
(9) -		- 1717Z	- 20 mtrs	- K0ZK	- 559/559	- ME	- OC	-
(10) -		- 1739Z	- 20 mtrs	- KF2EW	- 559/559	- NJ	- WT	-

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 30 Apr 2000 22:43:41 -0400

From: "Nick Yokanovich" <k3ny@toad.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [69112] QRPTTF: NK3ST results

Message-ID: <01ef01bfb317\$10fe8a80\$88bc21a2@default>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The USS Torsk ARC, NK3ST, operated about three hours in TTF. K3NY was the op. The submarine is moored next to the National Aquarium in Baltimore's beautiful Inner Harbor. I had been running QRO SSB all day in the 4th Annual Submarine Radio Room Reactivation. And spent most of Sunday hunting for

other subs too, so that's why my report is late. Switched the antenna to my QRP+

at about 1915Z and got a few Q's, but a new operator showed up at 2000Z and wanted to hunt subs, so antenna went back to QRO ops. At 2120Z got back on the QRP+. Antenna is a 20m sloper, one end hung on the attack periscope and the other end running toward the bow, and we use a manual ATU. It was great fun, and wish I could have dispensed more MM points.

NK3ST exchange: RST MD MM

Summary

17 total Q's (3 on 40, 8 on 20, 6 on 15)

14 unique SPCs

3010 QSO points

location multiplier X5

total points 15,050

73/72, Nick K3NY

Arnold, Maryland

Date: Sun, 30 Apr 2000 20:12:56 -0700

From: Bob Hightower <nk7m@extremezone.com>

To: qrp-l@lehigh.edu

Subject: [69113] SMK-1

Message-ID: <200005010310.UAA29289@enterprise.extremezone.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Got back from QRPTTF, and found the SMK-1 waiting. To heck with figuring the score, let's build!

The little kit is extremely well organized, and, if you follow the instructions, extremely easy to build. One possible suggestion is to look and see if you might maybe install Q4 and Q6 before the adjacent resistors. The tip on my iron is small, but it is still a tight fit. Of course I didn't figure this out until I had the resistors in :^).

Fired it up, and it worked first time, as advertised.

For placing/soldering the components, I use a pair of tweezers that are normally closed, and must be held open. This makes it real easy to pick the part up, and position it. Once one end is soldered, release the part, and use the tip of the tweezers to hold the other end down.

Small soldering tip.....on a scrap piece of copper clad, make a small

pool of solder. Heat this, and dip one end of the component into it to tin it. Tin the pad, and, using heat only, complete the soldering. Makes a nice little fillet on the end, and avoids those unsightly lumps :^). Didn't figure this out until late in the game either.

Bob Hightower NK7M
Chandler, AZ
SOC #20

<http://www.extremezone.com/~nk7m>

Date: Sun, 30 Apr 2000 21:16:07 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: w4bld@juno.com
Subject: [69114] Re: Ten-Tec Tube QRP Wanter
Message-ID: <390CF6F7.40DB9221@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Do you have any other ident info? I always thought the first TenTec stuff was the PM series and the one prior to that - RX-1 and the transmitter/receiver modules, all solid state. In all the years I have been qrp (over 30) have not heard of any TenTec tube qrp stuff. Hope you are right and maybe there is a bunch out there.

73
Ray

--
"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

Date: Sun, 30 Apr 2000 22:25:03 -0500
From: "Maddog 'n' Miracles" <maddog@io.com>
To: qrp-1@Lehigh.edu
Subject: [69115] SMK-1 Problem Report
Message-ID: <4.3.1.1.20000430212530.00c28d80@mail.io.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi gang!

I just night-before-last finished the assembly of my SMK-1, and wanted to report, since mine did not go so smoothly as many of the others. Also, I'll report some performance data taken that will be of interest to many of you.

First, the assembly went quite well, and I had all of it done (except connecting) in 2-1/4 hours after opening the box. I've had a little experience with SMT, so I wasn't put off by it. Assembling it on my kitchen table, using only a temperature controlled (650 deg) 25 W soldering iron with a 3/32" tip, a small pair of needle nose pliers, a jeweler's screwdriver, and some cheap head-mounted magnifiers. I must commend the SMK-1 crew, who did a bang-up job of kitting and instructions. Very innovative, and their technique really made it easy to be successful, and hard to fail. [Red soldermask... not what I see everyday, very unusual... subliminal advertising? hmmmm...]

After checking the transmitter and keying, which seemed fine, the receiver was noticed to be rather grossly UN-sensitive, though it was working. I did a little signal tracing with an o-scope and a strong input signal and discovered that the series-mute transistor (Q1 circuit) was the culprit. I placed a short across the transistor, and BOOM, there's my receiver. But I needed to trace back further, to find out whether the mute transistor was being activated by the incoming control signal, or maybe it was itself bad. The level at Q5's base was seen to be high, turning on Q5, and causing the mute circuit to mute. A short clip lead from ground to Q5 base caused the circuit to un-mute, giving me receive audio. Q5 was working. I checked the collector of Q4 (which drives Q5), and it was high (6.1V). Apparently, Q5 was not turned on as expected. Grounding the collector also un-muted the receiver. I checked the base of Q5, which read 0.56 Volts, which seemed like a reasonable value to me to turn ON Q5. Thinking I'd found the problem, I replaced Q5 with a TO-92 package 2N2222, which I had on hand. Hey!, it STILL didn't work. A further examination of the biasing circuit shows that the voltage provided to the base is marginal, based on the voltage divider R15-R16-R17-R18. R18, a 1K resistor, was swamping the base circuit. I removed it, and all worked fine; Because I wasn't sure why R18 was in the circuit in the first place (just what is it's function, anyway?), I replaced it with a 2K chip resistor, which worked just fine, and allowed keying and muting circuits to perform as expected.

Here's some performance data I collected :

V-sup =	9.0V	12.0V	13.8V
-----	-----	-----	-----

I-rx(mA) 14.9 17.5 18.4
I-tx(mA) 64.5 84.8 96.9
P-out(mW) 161 217 345 into 50 ohm
F-tx(KHz) 7038.6 - 7039.4 (all)
F-rx(KHz) 7035.6 - 7039.7 (all)
MDS-rx(uV) 15uV

Frequency Stability (transmit, versus Supply voltage):

V-sup (V) Freq (KHz)

9	7038.795
10	7038.791
11	7038.784
12	7038.786
13	7038.792
14	7038.800

Frequency Stability (transmit, 12V, versus Time-since-cold-start):

T=0 plus Freq (KHz)

2 sec	7038.828
15	7038.818
30	7038.812
60	7038.800
120	7038.784
240	7038.770
480	7038.752

All transmit signals looked sinusoidal on a high-end oscilloscope. Keying looked hard, but not square, and sounded clean, with no noticeable chirp, and no click-y keying. Sidetone sounded fantastic, and at reasonable levels. I had thought the receiver would have a little more sensitivity (15 uV MDS, as measured), but in practice it was more than adequate for the noisy 40 meter band in summer... The front-end attenuator is fantastic (wish I had one on my TenTec). I'm waiting for the cabinet and better band conditions before I put it on the air.

My hat's off to NORCAL and the SMK-1 gang, who have done a truly great service for the hobby. Surface mount is here to stay, and we'll all be less fearful of it now... I hope the club will make it available for a long time to come.

73,

monty N5FC

```
*****\/  
* Monty Northrup * "There is no way to peace: * \ (**)  
* Carolyn Blankenship * peace IS the way." * /^^^^^^) ~  
* maddog@io.com * http://www.io.com/~maddog/ * /^^/^^/^^/  
*****
```

Date: Sun, 30 Apr 2000 23:28:05 EDT
From: n5ib@juno.com
To: mahlon.r.haunschild@ac.com, qrp-1@Lehigh.edu
Subject: [69116] KITS: goofy-lookin' goose-shaped SMD holder-downer doofus
Message-ID: <20000430.222613.4655.8.N5IB@juno.com>

Hi Mahlon and gang,

I just started on the SMK-1, and want to tell all of you that Mahlon's "holder downer doofus" works like magic. I've laid down about a dozen parts without a hitch OK, well, not completely hitchless - I was so excitedly describing to Gloria (WD5CMA) how neat and clever the "doofus" was that I soldered (VERY neatly, I might add) C7 onto R4's pads - yep, pads, plural - didn't catch it 'till both sides were down. No panic - just reheat and lift it off. Test with LCR meter to see if it survived. Now have a new technique: recheck that it's the right part before AND after the first pad is soldered :^)

I'll put a picture of my version of the "doofus" and a sample of my soldering on my web page
<<http://www.qsl.net/n5ib>>
tomorrow by noon or so.

BTW - looks like I'll be doing the "Morning Show" on a couple of local TV stations this Thurs and Fri as part of the runup to our Hamfest. I'll be showing QRP rigs and talking about how hams still build stuff - wonder if the studio camera can tighten up on the SMK-1 board.....

Absolutely great job, NorCal gang - many thanks

72
Jim N5IB

.....snip.....
On Sat, 29 Apr 2000 15:18:41 -0500 mahlon.r.haunschild@ac.com writes:
>That goofy-lookin' goose-shaped SMD holder-downer doofus I mentioned

>yesterday worked GREAT!!!!!! I settled into a method something like
>this:Position tip of doofus near the part legend on the board (so you
can
>find it), pick & position the part with tweezers, pick doofus up & set
doofus down onto
>the part with finger, reposition part if necessary, solder one pad,
>lift 'n' move 'n' drop the doofus with finger to get it out of the way,
solder
>remaining pads! EASY EASY EASY!
.....snip.....

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 30 Apr 2000 22:55:59 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69117] Problems with Sierra 5 watt mod
Message-ID: <390D004F.525D8EC0@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I added the 5 watt mod to my Sierra using a 4:1 bifilar
coil in place of L10 and a 2SC1909 transistor.

At 13.8 volts, I can get about 6 or 7 watts out of the 40 meter
module by compressing the turns on L8 & L9.

On the 15 meters module I get about 1 watt out
and on 10 meters it looks like adjusting C36 makes the module break into
oscillation.

All the write-up on this mod was pretty straight-forward with no
suggested changes to the modules.

Any suggestions?

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)

QRL? de N4ELM/qrp

Date: Sun, 30 Apr 2000 23:29:43 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [69118] Portable Ant Supports--from Wal-Mart
Message-ID: <200005010408.AAA21725@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Yes indeed, I found some portable antenna supports at Wal-Mart, of all places.

In the camping section, they have replacement tent poles for dome tents. These are 3/16" dia fiberglass poles, 27" long, with aluminum couplers crimped to one end. Can feed the supplied shock cord down the middle of the poles to hold them together. Four poles in a pack for \$5 and change, stack to 8 ft 8 in. Two packs would make a 17 ft high pole. Looks ideal for supporting something like Doug's "NorCal Doublet". Each pole weighs 2.5 oz, you can do the math..

Also, they have a 1/2" dia, 4 ft aluminum tent pole that extends to 8 feet long. Just about the right length to use as-is for a 1/4 wave 10M vertical. Add a loading coil to make it work on 15 or 20. Cheap too, about \$6.00.

Some interesting possibilities, eh?

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 30 Apr 2000 23:18:52 -0400
From: "Mike Duke" <k5xu@concentric.net>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [69119] CQ Washington, D.C.
Message-ID: <009001bfb31d\$aa05e600\$1c320140@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Any QRPers in or near the District, please tell me the best (friendly)

repeaters to use from within the city.

I will be there later in May along with my VX5R.

Mike, K5XU

Date: Mon, 1 May 2000 01:27:57 EDT
From: RangerSF5@aol.com
To: mmullins@mastnet.net, qrp-1@lehigh.edu
Subject: [69120] Re: Norcal 20 Improvements?
Message-ID: <ac.47482c9.263e6fdd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/30/00 9:27:39 PM Eastern Daylight Time,
mmullins@mastnet.net writes:

<< One of the mods which was suggested by someone (AD6A?) which has not been widely disseminated is to put at 100K resistor in series with the AFA xtal. The xtal is overdriven by the AFA, and the resistor reduces the xtal power. I didn't do this mod, since I had been using the rig extensively, and didn't have a problem. Well, it just quit, and you don't know how much you use t >>

I have a RED HOT RIG and 2 NC-20 rigs.
I made all the MODS of the RHR site by Larry East.
The mods make these rigs really perk and sound good on the air.
Many thanks to the Guys who are putting in their time and coming up with improvements and sharing them with us.
Bob
WA2HOQrp <tm>

Date: Sun, 30 Apr 2000 22:58:05 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [69121] QRQ Net Report.
Message-ID: <390D1CED.8E3A0E04@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang, I'm not sure how exciting or useful

these reports are but here ya go.

The band was very noisy. Conditions appeared very poor. But lo and behold, Randy/K7TQ, always with a trick up his sleeve, checked in using his SMK-1 rig at 1/4 watt! Wowza! I was really worried about the net when he called, I thought he was 5W on his K2! Anyway, I suggested he go QRO up to 5 watts on the K2 just to be safe. His SMK-1 was CRYSTAL CLEAR! Not with the typical slight modulation i've detected in the other smk-1 qso's I've had. Sure sounds like a neat rig to have around.

Anyway, we had myself, Ben/NW7DX, and Randy/K7TQ check in. Also had Vito/W6TH break in and ask questions about the net. You could feel his excitement and enthusiasm -- he was stoked to hear about a QRQ practice net. Vito came in at about 45 to 50 WPM on his bug and was copied nicely here. We had a good 8 minute chat about the net and he hopes to check in next week. He was very excited to hear I was running a bug too.

Tonight I felt a bit strong and made it to 80 WPM again after only 70 WPM last week. The Blue Racer bug was bare naked and I controlled this speed much better than before.

Ben has a 100 WPM setting on his keyer but it seems to be unable to reach that speed with the weighting a bit heavy on the Dah side right now. Ben set it to FULL MAXIMUM for the first time in his life. He had pretty good control of it too!! What a fist that youn guy has. Not bad for a 16 year old teenager, eh?

Randy was also in good form tonight, returning to a high speed of 40 wpm after a 3 week slump. Randy's focus tonight showed and he was letting the code send itself instead of trying to control it. At these speeds you have to just do it. Randy sure did. Congrats Randy on a fine show tonight.

After the net, Ben mentioned we had both reached our maximum and asked "no what?".

Well, the next step is working on sening "word bursts". These were explained as words having smaller element

spacing but proper word spacing. Not characters that are run together slopily, more like the words of an auctioneer. Also, there's always the need for practice either way -- Use it or lose it.

I'll post the practice sentences for this week on Tuesday or Wednesday. Until then, all the best of radio fun to all.

72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Mon, 1 May 2000 01:59:29 EDT
From: RangerSF5@aol.com
To: QRP-L@lehigh.edu
Subject: [69122] Re: The Emtech tuner
Message-ID: <aa.474d84e.263e7741@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
After building the Emtech ZM-2 QRP tuner I think it does a super job for as small as it is.
Late last night I (By accident) checked into a CW net in the mid West with the Nor-Cal 40-M.
Indoor random wire and another wire to a ground and 2.5 watts.
My question is how far can you tune before the small LED comes on again?
I only have 30 KC coverage on the NC-40-M.
Also when I tried to wind the link the windings sunk in between the primary windings so I wound it backwards with the leads ending at the 12 O'clock position and running back over the top of the core to the connection points.
Anyone else getting 30 KC or more with this tuner?
Bob
WA2HOQrp <tm>

Date: Sun, 30 Apr 2000 23:36:37 -0700
From: Jeff Grudin <grudin@vdbbs.com>
To: qrp-l@lehigh.edu
Subject: [69123] SML Question/QRPTTF short Report

Message-ID: <390D25F5.79731198@vdbbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

1. Ok, I have built the SMK and it receives and it transmits, but what I don't really understand is how you tune the transmitter and receiver independently and figure out where you are. For example, I hear a station and tune him in on the recvr, how do I know where to set the transmitter so he can hear me? And of course, I set the transmitter to call CQ, how do I know where to set the receiver to hear someone come back?

2. QRPTTF went well. I had to work so got off to a late start. In addition I had to leave early to meet a family commitment. Figuring I wouldn't have much time, I used my magnetic loop antenna and the K2. I could just about step out of the car and start operating.

I set up on a bluff overlooking the Monterey Bay. I could just about see the sparks flying from Doug, Mike and Paul's antennae about 10 miles down the beach. (You guys had a great signal) The wind was up and I was wearing my winter coat. I thought sure there would be no bikinis here, but I was wrong. Two girls came walking by on their way from the campground to the beach wearing bathing suits. Boy did I feel silly in my winter coat.

First contact was on 15m and was to CT, the second was to MD. so I was pretty pleased with the performance of the loop. Made my obligatory 25 or so contacts in the 2 hours I had to operate.

We had a few guys from our local club come by to see what this QRP stuff was all about. Suffice it to say they were pretty amazed to watch me working qso's all over the country with 5W and a magloop. It was also kind of fun to get to tell all the non-ham folk that stopped by what it was all about.

--

73 de AC6KW <mailto:grudin@vdbbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Mon, 01 May 2000 00:12:49 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [69124] Re: Problems with Sierra 5 watt mod
Message-ID: <390D2E71.3206CF81@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'll give it a shot.

When I did the mod to my Sierra, I had about the same results. I stumbled across an article by Doug Demaw, who stated that the transistor you select for the final should be rated at 5 times the frequency desired. So you need to find a 140 Mhz (28 Mhz X 5) final transistor with a Vcc of 12 volts, which will take care of the 10 meter problem, and help out at 40 and 80 meters. So I selected an ECG 343, NOT an NTE 343. It has a high power gain, ($\geq 7.5\text{dB}$), a Vcc of 13.5V, $P_0 = 14\text{W}$, and is rated at 175MHz. It also has the ability to withstand more than 20:1 VSWR Load when Operated at: VCC = 15.2V, $P_0 = 18\text{W}$, $f = 175\text{MH}$.

In addition, I changed R13 and R18 to 10 ohms, and I use a 2n3866 as the driver. Now I get approximately 9 watts on 40, 6 watts on 30, and about 2.5 watts on 10 meters, and a very clean sine wave on the output.

Hope this helps.

Norm/KQ6SD

Date: Mon, 1 May 2000 06:05:42 -0400
From: David M Kopacki <kf2ew@juno.com>
To: qrp-l@lehigh.edu
Subject: [69125] MAY SPARTAN SPRINT
Message-ID: <20000501.060542.-16311725.0.kf2ew@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Well, QRPTTF is behind and just in time, too, for the MAY SPARTAN SPRINT.

Ashley, KC2GDT, my 7 year old newly upgraded Technician daughter, (ok, ok, yes I am the proud pappa), will try her hand at the Spartan Sprint tonight. In order to operate out of the Novice portions of the bands, she will be operating as KC2GDT/KF2EW, with me as the control operator.

Hope as many of you as possible will slow down a bit and say hi.

Thanks,
Mike, KF2EW

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 01 May 2000 07:07:02 -0700
From: Dick Carroll <dixie@townsqr.com>
To: trackerdan@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [69126] Re: SMK-1:No receive
Message-ID: <390D8F86.8C955B16@townsqr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'd suspect a defective crystal. They can change frequency,
or work in some circuits and be dead in others, work
sometimes and not others. Or all of the above. When you get
a funky crystal (fairly rare, but it happens) things can
become very strange.

Dick W0EX

Dan Benard wrote:

>
> Thanks to all for the suggestions. I think I have made some progress.
>
> Latest update....
>
> I pulled the xtals off the board a smidgen... no help. So I took them
> both out and put the TX xtal into the RX holes... voila!! Receive!! But
> then, pop..crackle..pop.. some awful "crunching" noises from the phones,
> and LOUD, too. Well, better than before. So I put the old RX xtal into
> the TX spot, and it worked too! Don't ask me... Anyway, I started
> tapping around the rcv section, and seemed like C1 was responding to
> touch. So I replaced it with a non-SM part... no help. Then it was on to
> R1... replaced it, and finally got rid of the crackling noise. Now it
> receives like a champ... only NOT in the ham band. I am getting Radio
> Canada International like gangbusters!! I don't know enough about DC
> receivers to know what this means. Is my rcv xtal oscillating, or am I
> just detecting the strongest signal (I'm not near any broadcast
> stations)?? I get definite peaks on TC1 and TC2 now, so I think I'm near

> 7 MHz, just don't know where. Anyone have any ideas, please??
>
> Thanks, Dan W1RDB
>
> Dan Benard wrote:
> >
> > Oh, yeah, almost forget... I don't get any sidetone at all.
> >
> > Dan Benard wrote:
> > >
> > > Greetings,
> > >
> > > Well, the solder flowed and the chips fell (on the carpet... same
EXACT
> > > color as an SM cap!), and now half of the SMK-1 works, I think. The TX
> > > seems ok, I can hear it on another receiver, and it responds to the TX
> > > tuning control, puts out about 1/4 watt. But, alas, no receive. I can
> > > hear a steady hiss from the audio amp, but no RX noise, and no peaks on
> > > TC1 or TC2. I have checked the supply voltage on pin 8 of the SA612, ok
> > > at 6V. I also see tuning voltage on the top of D3 and D4. But I don't
> > > think X1, the receive crystal is oscillating. Should I be able to hear
> > > that on another receiver with a pick up wire close by?? This receiver is
> > > so simple, I don't know what else I can do to troubleshoot it, other
> > > than to start replacing parts (not looking forward to that with SM
> > > components!!). I have tried connecting the antenna to the wiper of
> > > VR1... nothing. If I go to the top of C1, I get a POP in the headphones,
> > > the audio goes away for a couple of seconds, then recovers, but still no
> > > signals.
> > > If would be interested in hearing any other suggestions. I have been
> > > over the board several times looking for obvious things, like unsoldered
> > > ends of components, solder bridges, mismatched polarities, etc, so I
> > > think I'm ok there. My next thought would be to replace the 612 (ugh).
> > >
> > > Thanks in advance!!
> > >
> > > 73, Dan W1RDB
> > > Merrimack, NH

Date: Mon, 1 May 2000 08:18:32 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [69127] qrpttf pics
Message-ID: <v03110700b533265e1087@[132.235.81.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

Got some pics up at:

<http://www.qsl.net/ns8o/ttf2k.htm>

Log to follow...

NS80

Date: Mon, 1 May 2000 08:34:43 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [69128] QRPTTF-W1VT
Message-ID: <125490A005E3D3118C9C00805FC743CC4217C2@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Weather looked bad-on the news it looked like there was going to be a storm boundary and rain right at the RI/CT coastline Saturday, so I operated from the HQ club station in Newington, rather than Sherwood Island...

Lots of fun-hunted down and bagged AL0HA on 10-wasn't able to pull them out last year.

Highlight was working Alaska, and then having JG1RVN in Tokyo with his K2 at 5W give me a call! Reports were 559 both ways! Nice grayline opening on 15.

Band	Qs	Pts	Mult
40	4	40	4
20	38	525	19
15	36	470	19
10	14	175	7

1210 x 49=59,290pts

BTW--weather at the coast was beautiful Sunday-even saw a Kentucky warbler.

Zack Lau W1VT

Date: Mon, 1 May 2000 08:39:01 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [69129] NS80 qrpttf log
Message-ID: <v03110702b5332b062a67@[132.235.81.133]>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

<bold>NS80 QRPTTF 2000

</bold><underline>Freq Time Station S RST
R Report

</underline> 21 1721 AK7Y 589 559 AZ WT

21	1723	N7TX	599	559	AZ WT
21	1727	KK6MC/5	599	599	NM WT
21	1732	AF5Z	599	599	TX WT
21	1739	AA5B	599	579	NM WT
21	1743	W5ABQ	579	559	NM WT
21	1745	N0EA	599	559	MO MM
14	1749	NQ5RP	599	599	AR MM
14	1754	W5TB	599	559	TX WT
14	1801	WA8ZBT	559	339	TX OH
14	1803	N0UR	589	599	MN OC
7	1811	N9QIL	559	559	IN WT
21	1825	K1MG	599	559	CA OC
21	1826	W0CH	569	559	MO M

21	1836	K5HQV	559	559	MS WT
21	1840	K7TQ	599	559	WA WT
21	1844	W0CQC	599	559	CO WT
21	1845	N7KE	339	449	WA WT
21	1846	W7TAO	579	559	AZ WT
21	1849	N7IR	599	559	AZ HO
21	1850	N9MZG	559	559	IL HO
21	1851	AB0CD	559	559	CO WT
21	1900	N9AW	559	559	WI OC
14	1909	AA5B	579	579	NM WT
14	1914	W9XU	599	559	WI OC
14	1915	K0ZK	599	559	ME OC
14	1918	WA7LNW	599	559	UT WT
14	1924	W5ABQ	599	559	NM WT
14	1928	VE2KN	599	579	PQ HO
14	1930	W0JRP	589	589	MO WT
14	1932	WA5BDU	579	559	AR WT
14	1934	K5AAR	569	559	OK WT

Date: Mon, 1 May 2000 08:05:32 -0500
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [69130] SMK-1
Message-ID: <0974781F4FC8D211A24600902727E806011B213D@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;

Well I had planned to check out a couple of locations but ran out of time in the morning and just decided to setup near the end of the beach. Beautiful day.

Got all the gear out of the SUV and ported it to the site. There was a tall "No Swimming because of Heavy Currents" sign conveniently located so I decided to put my center mast of my new reel dipole. My mast was a two section 16 ft aluminum light blub replacer and a 16 ft three section old time bamboo pole with brass fittings for coupling. So with about 32 ft of pole and an additional 5 ft of sign pole support I got the reel dipole antenna up and lashed to the sign pole. Thanks a stranger walking on the beach for helping me and as he walked off I realized that I had forgotten to attach the RG-174 coax to the center of the reel antenna at the top. So down comes the shakey mast ducktape everywhere and the coax is attached and with super human strength I managed to get it back up on the sign pole again. I was too embarassed to ask for help this time. By now I'm eating into my planned operating time and hurry to get the dipole elements up in a inverted Vee fashion, one to the end of a nearby dock and the other to a rock in the dunes. With the remaining 10 ft of coax on the ground I set the location of the rest of the operating location.

The PLPV goes up in record time (less than 5 minutes) and I decide to start on 20 mtrs.

My second biggest frustration of the day was hearing my NOGA buddies calling CQ TTW on 40 meters and them not hearing me. They were a good 579 at times but my location was noisy so I didn't get the contact. I only heard a couple of stations of 40 but only tried during the 1700-1800Z timeframe.

Funniest contact was with W0CH apparently his battery was getting marginal and everytime he would come back for about 10 seconds he as OK then the signal would get shakey and just die off. The only way I got through the exchange was getting him to only give one piece of the exchange at the time. Check out on NOGA web site the NOGAPIG might have helped warn you about the problem. My little piggie ran throughout my two hours with no alarms. I taken a spare battery for insurance.

I moved from 20 to 15 back to 20 and then ended on 10 meters.

My last contact for the contest was at the two hour mark with ALOHA on 10 meters. I decided right then that I had reached a stopping point that I could be happy with.

So unofficial summary q's 22, spc 15 and a total of 18000 points. my OC category helped for sure.

I'll post some Pixs soon. 0.....BTW I forgot my digital camera and had to

buy a disposable 35mm to get the required OC Pixs. If you look close you may see some bikinis in the background.

Lots of fun looking forward to other outside events this summer.

Gear:

Index Labs QRP+ 5W

gell cell and NOGAPIG monitor

Parking Lot Portable Vertical 20-15-10 meters

PRA1 Reel Dipole 40 meters

Sam AE4GX ST. Simons Island, GA NA-058

Date: Mon, 1 May 2000 10:36:46 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [69133] IC 728 question
Message-ID: <v03110700b53345d77b87@[132.235.81.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

I bought a nice little IC 728 over the weekend at our local hamfest. Had a bunch of SSB QSO's on Sunday and worked well. Gen coverage receiver is great too.

I tried to run some CW and I could hear the sidetone, the rig went to transceive but I get no power out. Yes, power level control was on high.

Am I missing something here? One button that I'm not pushing, connector, setting, etc? I've got the operators manual and I think that I'm doing everything right.

Anyone have a service manual or copy of one for sale?

Please reply to me direct to keep traffic down on the reflector.

Thanks!

NS80

Date: Mon, 1 May 2000 07:46:48 -0700
From: "Andreas Junge" <andreas@OpenGrid.com>
To: <weinfurt@oak.cats.ohiou.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69134] RE: IC 728 question
Message-ID: <000001bfb37c\$142a0d00\$0201a8c0@ANDI2000>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greg,

try the VOX button.

Andreas, N6NU
Menlo Park, CA
K2 #14, IC-730, FT-990

>-----Original Message-----

>From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
>Greg Weinfurtner

>Sent: Monday, May 01, 2000 7:37 AM

>To: Low Power Amateur Radio Discussion

>Subject: IC 728 question

>

>

>Hi all,

> I bought a nice little IC 728 over the weekend at our local
>hamfest. Had a bunch of SSB QSO's on Sunday and worked well. Gen coverage
>receiver is great too.

>

> I tried to run some CW and I could hear the sidetone, the rig went
>to transceive but I get no power out. Yes, power level control was on high.

>

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>connector, setting, etc? I've got the operators manual and I think that
>I'm doing everything right.

>

>

> Anyone have a service manual or copy of one for sale?

>

>

>Please reply to me direct to keep traffic down on the reflector.

>

>Thanks!

>

>NS80

>

Date: Mon, 01 May 2000 10:41:17 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: QRP-L Discussion <qrp-l@Lehigh.EDU>
Subject: [69135] Good weekend for QRP (long)
Message-ID: <390D978D.D6A95342@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow. The weather for QRPTTF was just fantastic. I went to Dodge State park in Waterford, MI. Took the nine year old because it was just too nice to stay inside and watch cartoons. We cruised the park and found a spot that met both our needs, tall trees, a picnic table, and a good fishing spot. I used my HB antenna launching device AKA the cheap fishing reel and sling shot trick. With only three launches I had a 40 meter dipole up 20 feet broadside to East and West. While I was doing this the perfect fishing pole stick was found by my companion. It was way too big but it was explained to me that it needed to be big and heavy so the big fish would not break it. The launching device was reconfigured onto the stick with hose clamps and wire scraps were used to make a couple of loops for guides. We found a spot where the winter wind made a pile of leaves. At the bottom we found a bunch of big juicy worms that no fish in its right mind could resist. So the fisherperson took off to catch a big one and I went back to setting up the station. The dipole is feed with 450 ohm line so I used my ZM-2 to tune it to 20 meters and hooked up my NC20 powered by a 7Ah gel cell. The NC20 worked great. With the built in keyer and frequency announcer, it makes a great to the field set up. I got on at about 15:30 and stayed for about four hours. After a couple of hours the fisherperson got bored and just as it seemed that I would neet to QRT Mom showed up to take the critter home. About 20 minutes later the teenager showed up with some lunch. She just got her drivers license so any excuse to drive she jumps at. Wonder how long that will last. Well I had a ball. It was in the mid 60's, very light wind, and lots of sun. Worked about 30 stations. A couple were in other contests but I did not count them. Must be at least 15 S/P/C's. Will finish typing the log tonight. Thanks for a great contest. As good as last year.

I got back home and put everything away. Cut the grass. Had dinner. Went into the shack to work on my SMK-1 that I had started Friday night. Boy is that little thing fun to work on. I am color blind so my hardest part in building is the IDing of all the resistors. I got to measure each one. With the way the kit was packaged the assembly went fast. Just need to get some smaller diameter solder next time. Tuffest parts were the small 2n2222 transistors and getting the toroid onto the board. I put some pigtails on the board and fired it up. No smoke! Connect the antenna via the SWR/PWR meter. Wow it hears. Two peaks on TC1. Some BC interference at full gain. Tweak the trimmers BC interference goes away. Key it. Got the spec 350 milliwatts out and both the receiver and transmitter tuning ranges. Tried to make a QSO but just too much contest stuff on at that time on a Saturday night so I went to bed. The next morning I was daydreaming about the SMK-1 instead of listening to the pastors sermon. Got home, went straight to the shack, called CQ a couple of times. KA3WAJ came back with a 579 from just South of Pittsburgh. About 400 miles. $400m/350mw =$ Hmmm need to check. May have gotten 1,000 mi/w on the first crack! Another very nice day outside. Rode the motorcycle down the Ann Arbor and did the Hash (anybody else on the list a Hash House Harrier?). It is a International running club that likes to drink lots of beer after doing trail type runs. Any ways cuz I am on the bike no beer this time. Get home in time to hit the peak short hop window on 40 meters. So I listen with the SMK-1 and I hear N9DD in QSO with W3ANX. N9DD is using a SMK-1. After they finish I give N9DD a call using AB8DF/SMK. Tom comes back to me! A SMK-1 to SMK-1 QSO! Got a 559 and gave Tom a 449. Waterford, MI to South Bend, IL. So SMK-1 # 72 in on the air and waiting on the cabinet kit (check mailed today).

72'

Ed AB8DF

Date: Mon, 1 May 2000 05:15:49 -0500
From: "David Bixler" <DBixler@co.seneca.k12.mo.us>
To: qrp-1@Lehigh.EDU
Subject: [69136] W0CH / MM QRPTTF
Message-ID: <200005011521.KAA15097@mailrelayerformercurymailsites.more.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hello gang:

Well, Saturday was bright and sunny here in SW Missouri.

Temperature was just shy of 80 degrees and the seas were calm. The QRP ship Minnow was launched on the pond in the horse pasture at our farm. The shipboard antenna was a 33 foot mast. That's a pretty tall antenna on a 6 foot boat but it worked like gangbusters!

Check out my web site for a couple of photos of the operation:

<http://www.qsl.net/w0ch/>

The bands were busy with lots of signals on 20 meters. The ship's log shows a total of 86 QSO's, with 75 of those on 20 meters with the NorCal 20. Forty meters was quiet with only 8 QSO's towards the end of the period using the Wilderness NorCal 40A.

15 meters resulted in 2 QSO's from my ancient HW-8 and it's anemic half watt of output power.

The best DX of the day was working ALOHA in Hawaii for my only 10 meter QSO using a Radio Shack HTX-100 on low power.

Worked lots of familiar calls on the bands and people I've met at Ft. Smith and Dayton. Only 4 other Marine Mobiles were worked however.

Probably made the record QSO for the smallest ship working the largest ship - W5KID on the USS Kidd!.

Thanks to NorCal and NA5N / N0QT for a fun weekend.

72 and let's do it again.

Dave

David Bixler W0CH VK2IQX ZL/W0CH
Seneca Missouri QRP-L # 618
<http://www.qsl.net/w0ch>

QRP: Minimum power, maximum fun

Date: Mon, 1 May 2000 09:34:10 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: <rfoltz@turbonet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [69137] Re: ARCI Contest Web Pages
Message-ID: <022801bfb382\$d6a940c0\$c5101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Randy:

Just checked out the ARCI contest pages, and the new results pages you added. Very nice. No doubt that was/is a lot of work. I for on appreciate it! Thank You.

Folks, if you enter ARCI 'tests, check out these results pages, their great. When your done, send a thank you note to Randy. Volunteers like to know their work is appreciated. (Voice of experience)

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----
From: Randy Foltz <rfoltz@turbonet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, April 27, 2000 7:39 PM
Subject: ARCI Contest Web Pages

> I have made some additions to the QRP ARCI Contest web
> pages. New pages include

Date: Mon, 1 May 2000 08:40:58 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69138] KU7Y QRPTTF
Message-ID: <Pine.GSO.4.10.10005010833290.27468-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Had visitors during the big event so I only had one chance to get on the air.

Heard lots of stations on 10m but no TTFing. Ditto 15m.

Lots of activity on 20m.

Heard Paul, NA5N very loud. A real 589. But he was busy slipping around working in S&P mode and I was never able to get his attention! :-)

Only worked 3 stations in the few minutes I had.

I signed "WT" because I was sitting on a White Toilet, right over a black lagoon.....any RVer can understand that logic.....

:-)

(What a QRPer won't do just to make a contact!)

OK, back in my hole.

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Mon, 1 May 2000 12:12:24 -0400
From: Allen Randy <Allen_Randy@prc.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [69139] SMK-1 S/N 256 alive and well
Message-ID: <689A85152B76D311B9CE0090279842FE37BA88@mc15.prc.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Total construction time about 5 hours. Great kit, great experience. TNX to all involved.

N4TVC, Randy Allen
SMK-1 # 256

Date: Mon, 1 May 2000 10:24:38 -0400
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-l@Lehigh.EDU>
Subject: [69140] RE: SIX METERS AND QRP !!!
Message-ID: <000a01bfb387\$fe48bd40\$04000a0a@user>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well... six meters gave us here the 4th day in a row of nice openings !
It was open for almost 6 hours, and I was testing my new low cost
antenna design for 50 mHz...

Running the rig at a 3 watt power output , I worked a whole bunch of
CW stations , and could keep on the air during the local evening hours
when TVI to local channel 2 is a problem !!!

I found out that no beacons could be heard, but nevertheless I could
work stations in Georgia, South Carolina, Texas .

Oscar C020J was on SSB running 3 watts, but with a much higher
gain antenna.

I am getting ready to do some milliwattting experiments on 50 mHz CW
so maybe a new record is in the works for QRP 6 meters !!!

BTW... during the last few days, on 6 meters, I have heard VKs ZL's,
LU's CX's PY's and missed the 3D2 and a Hawaii station ...

So maybe the milliwatts will go far soon !!!

72 and DX

Arnie

C02KK

>P.S> simple receiving converter for 50 mHz is built using a 40 mHz computer
clock module, a double balanced mixer and few parts ... works like a
champ !!!

>

>

Date: Mon, 1 May 2000 11:03:24 -0500
From: Bcieslak@ra.rockwell.com
To: qrp-L@lehigh.edu
Subject: [69141] QRPTTF: AE9K
Message-ID: <0F3E3F5BBC.984E24F5-0N862568D2.005692F0@ra.rockwell.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Well the Cheesehead operation from the western Shores of lake Michigan was a blast. A cold Northeast wind keep the the temps in the 40's. The wind made putting up the antennas a little rough but NK9K finally got the arrows into the trees. The operations center included 2 FT-900's and two Argonaut 515's. The antennas were a 15 and a 20 meter delta loop up around 50 feet, a G5RV used for 40M (That later proved to be broken and was fixed for the last 2 hours of the test) and a dipole for 10. Six operators took turns operating 30 minutes shifts so each got about 5 1/2 hours of operating time, spread across all the bands. I haven't seen so many batteries in one place since I saw the movie Das Boot. Operators each used their own calls to make this OC site accessible to as many hams as we could. Those particiaptng were AE9K, N9AW, NK9G, WA9TZE, W9XU and KF0CT.

My entry breaks down as follows.

	MM	OC	WT	FD	HO	SPC	
40	1	3		2	2	13	8
20	4	7		28	19	25	31
15	0	3		14	0	6	13

tot Q's	5	13	44	12	44	52	
	*5		*20	*15	*10	*5	
pts	125	260	660	120	220		

Score 1385 QSO Pts * 52 SPC *4 (OC) = 288,080 pts.

I am happy with the score but I know N9AW probably has me beat so no cheesehead bragging rights here..

Brian AE9K

Date: Mon, 01 May 2000 09:29:33 PDT
 From: "Doug Hendricks" <ki6ds@hotmail.com>
 To: qrp-l@lehigh.edu
 Subject: [69142] LIST: Great postings guys
 Message-ID: <20000501162933.32163.qmail@hotmail.com>
 Mime-Version: 1.0
 Content-Type: text/plain; format=flowed

I have to say that I have really enjoyed reading qrp-l the past few days. Your postings are marvelous. This is what this is all about in my opinion.

Guys did a wonderful job in posting about QRPTTF, I have read and enjoyed every posting so far.

As you know, I spent Saturday with Dave Fifield, the designer of the SMK-1, and both of us are pleased beyond our wildest expectations to the response to the SMK-1, in fact, I think that we have proven that hams can build with surface mount components, that they can and will learn new skills and that they will share their experiences with fellow qrpers.

Dave and I also agree that the posting of the SMK-1 information needs to be on qrp-l, not a separate reflector. The shared learning opportunities are so great that they just can't be ignored. Plus, the feedback is what keeps the crew going. We don't make any money, but boy it is nice to read that some guy in baja Kansas was able to build and get his SMK-1 working the first time. We get to share in the excitement that comes right through the posts. Many people ask why we do this, and that is the answer, the good feeling you get knowing that someone is really having fun because of your efforts. Keep posting guys. If you have problems, let us know. I also appreciate all of the messages of feedback on the kitting. Here is a synopsis of the main things that we have learned from kitting our first surface mount kit.

1. The sectioned bag method works.
2. We need to make the pads bigger on the S023 transistors.
3. We need to put the part numbers as well as the value on the parts id grid. For example on the 3 2N2222A S023 transistors it should say:

3 x MMBF2222AL
Q2, Q4, Q5

4. Toroids need to be through hole parts. It is just easier to mount them through hole.

5. Take the resistors, capacitors and inductors out of the carrier strips on single and double parts. (Where there are 3 or more, it is more efficient to kit in the carrier strip, plus the builder can hold onto the longer strips to get them out).

6. Get the typos out of the manual.

We are planning another kitting party this weekend, and will implement several of those ideas. I will have SMK-1 kits at the NorCal meeting this weekend, plus a special surprise companion kit that is the same size as the SMK-1.

Have a good week and keep those QRP posts coming to the list. QRP-L is the place to be in QRP. 72, Doug

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Mon, 1 May 2000 09:28:37 -0500
From: mahlon.r.haunschild@ac.com
To: n5ib@juno.com
Cc: qrp-1@Lehigh.edu
Subject: [69143] Re: KITS: goofy-lookin' goose-shaped SMD holder-downer doofus
Message-ID: <862568D2.005AA0D6.00@amrh1104.ac.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Glad you like it, Jim. The only thing I might change about it is to add a couple of "tires" on the wingtips made out of cut-off pieces of rubber/silicone tubing, which would keep it from sliding around on the work surface.

Interchangeable tips to accomodate 603-sized parts, round parts, etc. could be made out of brass hobby tubing and rod stock. 3/32" wire is a bit big for 1206-size parts, but is nice 'n' sturdy. Should make another out of 1/16" to see if I like it. BUT I need a kit to build to try it out, and I don't have any more! WAAHHHH!!!

You could paint the thing red to resemble AD6A's kit cases. Hey, you could find a jeweler with a Hermes engraving machine to engrave your name & callsign on the sinker's sides, like a real fighter aircraft!

I'm sitting in an airplane somewhere over Kentucky as I write this... can you tell I don't have very much to occupy my mind at the moment? OK, OK, back into my hole...

regards,

Mahlon - N4EEE

n5ib@juno.com
05/01/2000 03:28 AM GMT

To: Mahlon R. Haunschild@Andersen Consulting, qrp-1@Lehigh.edu
cc:
Subject: KITS: goofy-lookin' goose-shaped SMD holder-downer doofus

Hi Mahlon and gang,

I just started on the SMK-1, and want to tell all of you that Mahlon's "holder downer doofus" works like magic. I've laid down about a dozen parts without a hitch OK, well, not completely hitchless - I was so excitedly describing to Gloria (WD5CMA) how neat and clever the "doofus" was that I soldered (VERY neatly, I might add) C7 onto R4's pads - yep, pads, plural - didn't catch it 'till both sides were down. No panic - just reheat and lift it off. Test with LCR meter to see if it survived. Now have a new technique: recheck that it's the right part before AND after the first pad is soldered :^)

I'll put a picture of my version of the "doofus" and a sample of my soldering on my web page
<<http://www.qsl.net/n5ib>>
tomorrow by noon or so.

BTW - looks like I'll be doing the "Morning Show" on a couple of local TV stations this Thurs and Fri as part of the runup to our Hamfest. I'll be showing QRP rigs and talking about how hams still build stuff - wonder if the studio camera can tighten up on the SMK-1 board.....

Absolutely great job, NorCal gang - many thanks

72

Jim N5IB

.....snip.....

On Sat, 29 Apr 2000 15:18:41 -0500 mahlon.r.haunschild@ac.com writes:

>That goofy-lookin' goose-shaped SMD holder-downer doofus I mentioned
>yesterday worked GREAT!!!!!! I settled into a method something like
>this:Position tip of doofus near the part legend on the board (so you
can
>find it), pick & position the part with tweezers, pick doofus up & set
doofus down onto
>the part with finger, reposition part if necessary, solder one pad,
>lift 'n' move 'n' drop the doofus with finger to get it out of the way,
solder
>remaining pads! EASY EASY EASY!
.....snip.....

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 01 May 2000 16:36:45 +0100
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [69144] 14V SMK-1 PS info - Correction
Message-ID: <200005011636.LAA18765@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang:

Found some errors in the data I posted previously. The power out of the battery was incorrectly calculated as 1.5 watts and should be 2.025 watts, changing the EPS efficiency under the TX power conditions. RX efficiency was also copied to the keyboard incorrectly...Sorry 'bout that.... Senior moments... :-)

Here is the Corrected data on the modified EPS-1 and 2 D cells in series when powering the SMK-1: (Mode refers to the SMK-1 mode of course..)

EPS-1

Mode	E _{in}	I _{in}	P _{in}	E _{out}	I _{out}	P _{out}	EFF
	volts	mA	watts	volts	mA	watts	
RX	2.94	165	.485	13.95	018.7	.261	53.8%
TX	2.70	750	2.03	13.95	100.7	1.40	69.0%

Since the voltage is already below the 3V EPS input spec, and since the batteries are rated down to .8V, it looks like it may be more prudent to use 4 cells rather than 2....HMMMMMM

Now lets see...

C cells are rated at 7800 mAHrs vs 15000 for the D cels, so 4 C cells would seem to have the a tad more capacity than the 2 D cells.... And...terminal rated voltage would be 4 x .8 = 3.2V....HMMMMMM

Lets see again...AA cells are rated at 2850 mAHrs....Hmmm

More later....

Larry KA5T
Georgetown, TX

Date: Mon, 1 May 2000 09:42:41 -0700 (PDT)
From: Patrick Franzis <old_radios@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [69145] PSK31 info
Message-ID: <20000501164241.10474.qmail@web116.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,
For anyone interested, see my web page for info on rig/soundcard
interfacing.

<http://www.qsl.net/n1ocj/qrp.html> (Click on Digital modes.)

73 Patrick N10CJ

Do You Yahoo!?
Talk to your friends online and get email alerts with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Mon, 01 May 2000 09:43:41 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [69146] QRQ Net Practice Sentences.
Message-ID: <390DB43D.5B105125@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow. Had a brainstorm this week so I have
the sentences early.

QRQ Net Meets Sunday, 7 PM Pacific time
on 7039 KHz. <Monday, 0200Z UTC>

We operate: mid 20's to as fast as possible in increments.

The following are extracts, modified to fit the word count, from RF Technology Magazine in an article without a date...

- 1) Emitter located crystals provide more stable oscillators.
- 2) Common emitter designed oscillators have good S/N ration.
- 3) The design presented operates linearly during 360 degree cycle.

We promote non-automatic sending with the straight key, paddles, and semiautomatic keys (Bugs).

Members are anyone who wants to enjoy the CW practice.

Members practice the sentences throughout the week, trying to increase character speed. Also, regular QSO's will help practice incorporating the brain along with the improved mechanical abilities.

The night of the net is aimed to test your progress and share the joy of the experience.

Net procedure: Call up for stations. List broadcast. Minor introductions and NCS sends first groups. Stations proceed in their list order and pass on to the next list member. When returning to NCS, NCS announces next sending speed. Stations drop out as they reach their limits. NCS acknowledges and excuses stations so members are aware of the change in the list.

Duration: I make all attempts to keep the net to 1.5 hours maximum. This may involve reducing the number of sentences at the slower speeds, making greater jumps in speed at each round robin. Expect 5 WPM jumps above 40 WPM.

Hope to have you join in on the fun.

72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Mon, 01 May 2000 12:43:32 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-l@lehigh.edu
Cc: kh6b@juno.com
Subject: [69147] QRPTTF AL0HA Report
Message-ID: <20000501.064555.5391.0.kh6b@juno.com>

Saturday was a great event in Hawaii. 19 call signs in our signup sheet. Our field site was Moku Ola Island in Hilo Bay, Pacific Ocean. This was also our 8th Annual Moku Ola Island DXpedition.

Summary for AL0HA:

Equipment: K2 and Mosley 3el triband yagi at 20 feet.

SPCs: 20M = 2, 15M = 7, 10M = 19, Total 28.

QSO Points: 20M = 30, 15M = 110, 10M = 410, Total 550.

Final Score = 550 X 28 X 4 = 61,600

Our highlights include working W1VT, K1QM, KV2X and WA4DOU on the East Coast. Some signals were quite weak but workable. Many called, but few were worked. It appeared that some gave up after one call? I was using a K2, I can hear you. :-)
Strong 599 on 10M from N6MGO, 5W and indoor antenna. Also, K6PZB on 15M at the end of the contest was 599. Heard Jim AL7FS 2355-2400 utc, BUT he didn't hear my several calls. :-(
Spent 5 hours on the air from 7 a.m. to 2 p.m. HST, with a 2-hour break for an ARRL cabinet meeting at a hotel in Hilo.
Now, back to my kit building projects. I'm only 6 or 7 behind now, including the NorCal SMK-1 and the Ft. Smith AR QRP Paddle/Keyer kits.

Aloha,
Dean KH6B (also op at AL0HA)
Hilo Hawaii

Date: Mon, 01 May 2000 09:44:32 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [69148] RE:QRQ Net Sentences.
Message-ID: <390DB470.E71E0C84@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Change "Ration" to "ratio". sri.

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Mon, 1 May 2000 11:40:11 -0500
From: Karl Kanalz <KKanalz@excel.com>
To: "'andreas@OpenGrid.com'" <andreas@OpenGrid.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69149] RE: IC 728 question
Message-ID: <2D343922E283D211945C0008C7A41B2A02B20AB4@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

AND..... if Greg has the Operator's Manual, one of the *first* things he should have tried was reading it from cover-to-cover, rather than "... tune for maximum smoke..." first!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Andreas Junge [mailto:andreas@OpenGrid.com]
Sent: Monday, May 01, 2000 9:47 AM
To: Low Power Amateur Radio Discussion
Subject: RE: IC 728 question

Greg,

try the VOX button.

Andreas, N6NU

Menlo Park, CA
K2 #14, IC-730, FT-990

>-----Original Message-----

>From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
>Greg Weinfurtner
>Sent: Monday, May 01, 2000 7:37 AM
>To: Low Power Amateur Radio Discussion
>Subject: IC 728 question

>

>

>Hi all,

> I bought a nice little IC 728 over the weekend at our local
>hamfest. Had a bunch of SSB QSO's on Sunday and worked well. Gen coverage
>receiver is great too.

>

> I tried to run some CW and I could hear the sidetone, the rig went
>to transceive but I get no power out. Yes, power level control was on high.

>

> Am I missing something here? One button that I'm not pushing,
>connector, setting, etc? I've got the operators manual and I think that
>I'm doing everything right.

>

>

> Anyone have a service manual or copy of one for sale?

>

>

>Please reply to me direct to keep traffic down on the reflector.

>

>Thanks!

>

>NS80

>

Date: Mon, 01 May 2000 09:47:32 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [69150] QRPTTF
Message-ID: <390DB524.D1E43358@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, I got 56 QSO's in the contest.
5 Watts to Folded Dipole up 25 to 30
feet (countint height of both wires).

Have to figure out the score...
See ya in the Spartan Sprint tonight. -Ed

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Mon, 1 May 2000 12:52:07 -0400
From: "Dick Witzke" <ke8kl@tucker-usa.com>
To: <qrp-1@lehigh.edu>
Subject: [69151] HF rig for sale
Message-ID: <001801bfb38d\$96deaec0\$1b6219d0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Everyone,

I have a Yaesu FT-757 GX II for sale. The radio is in good operating condition with the following exceptions. The indicator lights for CW, SSB, AM and FM do not work; the far right side of the frequency display is somewhat fogged up. The power output can be adjusted down to about 2W with a front panel control. The radio has the 500 Hz CW filter installed. Includes operating manual and power cable. Price is \$350 obo plus shipping.

73,
Dick, KE8KL

Date: Mon, 01 May 2000 13:00:51 -0400
From: Michael C Boatright <ko4wx@mindspring.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, NOGAQRP
<nogaqrp@qth.net>
Subject: [69152] NOGA QRP TTF Report
Message-ID: <390DB843.3676EC3F@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Call Used: NQ4RP
Category code: MM
Station Location: Chestatee River/Lake Lanier, GA

Rig(s): K2, SMK-1, QRP+ Antenna(s): 500' longwire, 40M dipole, SLV
 Highest Power: 5W Exchanged info: RST GA MM

STATE/PROVINCE/COUNTRY TOTALS		QSO			
POINTS		MM	OC	WT	FD
H0		Pts ea	(25)	(20)	(15) (10) (
5)					
40M =	___2	40M =	_____	___15	_____
___5					
20M =	___31	20M =	_150	_280	_405 __70
___230					
15M =	___8	15M =	_____	__40	__90 _____
___15					
10M =	___5	10M =	_____	__40	__30 _____
___25					
		TOTAL =	_150	_360	_540 __70
___275					
		LOCATION			
MULTIPLIERS					
TOTAL =	___46 (All SPCs per band)	MM = x5	_X_	OC = x4	___ WT = x3

		FD = x2	___	H0 = x1	

FINAL SCORE = ___1395___ X ___46___ X ___5___ =					
_____320,850_____ PTS					
QSO Pts		SPCs		Loc	

Comments: Best contact was with AL0HA, OC in HI on 10M (QRP+ into SLV)--K04WX was so excited he had to get AD4S to take over as op after the QSO! 10M and 15M were wide open, according to the sigs and reports, but where was everybody? 20M was hot, especially with K4TJD's K2 into a 500' longwire; wind came up last 3hrs of the test--K4GZZ had fun sending CW with the pontoon boat rocking!

--
 Mike Boatright, K04WX
 Assistant Section Emergency Coordinator,
 GA Section Amateur Radio Emergency Service

A rock pile ceases to be a rock pile the moment a single man contemplates it, bearing within him the image of a cathedral.
 Antoine de Saint-Exupery

Date: Mon, 1 May 2000 13:23:08 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: KKanalz@excel.com, qrp-1@Lehigh.EDU
Subject: [69153] RE: IC 728 question
Message-ID: <v03110704b5336780688e@[132.235.81.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>AND..... if Greg has the Operator's Manual, one of the *first* things
>he should have tried was reading it from cover-to-cover, rather than
>"... tune for maximum smoke..." first!
>
>Karl K - W8TIF
>McKinney, Texas

Karl et al,

Did read it, it is not a complex rig to operate! There was nothing that I saw about a VOX switch, (but I could have missed it though.) Just said put it in CW position, make sure that you are in the band as to frequency and have at it. (It will even power down to QRP levels.) That is why I was asking the group, so that I wouldn't let the smoke out of it. It works FB on SSB.

I had only had a couple of hours to play with it yesterday mostly on SSB and really I am no dumbass appliance operator. I've build/designed solid state transmitters, receivers, transceivers, test gear from DC to UHF, INCLUDING VOX circuits from the ground up, for the last 20 years, so I know what I am doing. My work is as an Electronic Design Specialist for Ohio University; been here for 15 years...

It is just that I had a 10 meter all mode transceiver that had the exact same symptoms, so I thought that it might be the same here. In the 10 meter rig it turned out to be a shorted electrolytic in the keying line that unbalanced the balanced modulator allowing the carrier to come through, etc. The sidetone worked, but no output. I replaced that cap and all was right with the world.

Ease up fellas, just asking for some help, not looking for ridicule.

NS80

Date: Mon, 01 May 2000 11:17:48 -0700
From: Howard Myers <howardw7ilw@cableone.net>
To: <qrp-1@lehigh.edu>
Subject: [69154] SMC-1 #20 working
Message-ID: <B533185C.1261%howardw7ilw@cableone.net>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: quoted-printable

No speed demon here! Took about 7 hrs. to build and test.

Power - 340 mw into 50 ohms
TX kHx 7038.4 - 7039.5
RX kHz 7035.6 - 7039.9

My 3/36=B2 iron tip seemed too large, so I wound 3 turns of #20 silver plated wire I had over a drill bit and forced the turns over the iron tip and secured the =B3ad-on=B2 tip with a single twisted loop of wire and cut wire at about i/2 inch beyond the 3/36=B2 tip at a 45 degree angle. The small blob o= f solder on the wire tip flat portion was just the right amount for the IC=B9s and transistors.=20

Howard - W7ILW - Prescott, AZ

Date: Mon, 01 May 2000 11:21:11 -0700
From: Howard Myers <howardw7ilw@cableone.net>
To: <qrp-1@lehigh.edu>
Subject: [69155] SMK-1 #20 working
Message-ID: <B5331927.1262%howardw7ilw@cableone.net>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: quoted-printable

No speed demon here! Took about 7 hrs. to build and test.

Power - 340 mw into 50 ohms
TX kHx 7038.4 - 7039.5
RX kHz 7035.6 - 7039.9

My 3/36=B2 iron tip seemed too large, so I wound 3 turns of #20 silver plated wire I had over a drill bit and forced the turns over the iron tip and secured the =B3ad-on=B2 tip with a single twisted loop of wire and cut wire at

about i/2 inch beyond the 3/36=B2 tip at a 45 degree angle. The small blob o=
f
solder on the wire tip flat portion was just the right amount for the IC=B9s
and transistors.=20

Howard - W7ILW - Prescott, AZ=20

Date: Mon, 01 May 2000 14:33:19 -0400
From: Michael C Boatright <ko4wx@mindspring.com>
To: qrp-1@Lehigh.EDU
Subject: [69156] Re: SMK-1 -- That glow you see on the eastern horizon...
Message-ID: <390DCDEE.DBAA65AF@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve and I (operating as NQ4RP) QSO'ed SMK-1 to SMK-1 on Saturday
during the QRPTTF (about 1:00pm EDT). Anybody claim an earlier SMK-1 to
SMK-1 QSO?

72 de Mike, K04WX

--
Mike Boatright, K04WX
Assistant Section Emergency Coordinator,
GA Section Amateur Radio Emergency Service

A rock pile ceases to be a rock pile the moment a single man
contemplates it, bearing within him the image of a cathedral.
Antoine de Saint-Exupery

Date: Mon, 01 May 2000 11:36:30 -0700
From: Tony <ad6id@arrl.net>
To: qrp-1@Lehigh.EDU
Subject: [69157] ?NorCal 40 - PC layout and schematic, etc?
Message-ID: <3.0.3.32.20000501113630.00e72650@garlic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi folks,
I just bought a previously owned "Ionospheric Test Unit" (original NorCal 40)

and the seller was unable to find any of the documents. I also bought a KC1 keyer/counter _with _ documentation.

Do any of you have a copy of the original NorCal 40 documentation that you could xerox and send me? I'll be glad to reimburse you for copying and postage, of course.

On a not so urgent note - Are there useful mods available for the 40? Can I upgrade it to a 40A? Same PCBd? Any other suggestions?

Many thanks & 73,
Tony

Tony Armendariz, AD6ID
FISTS 3535 WPSS ARRL
Garlic Valley ARC
ad6id@arrl.net

Date: Mon, 1 May 2000 20:34:30 +0200
From: "Carel Mulder, PA0CMU" <cmulder@casema.net>
To: <qrp-l@Lehigh.EDU>
Subject: [69158] Wilderness Minilog
Message-ID: <000501bfb39b\$e4144660\$02c8c8c8@ZOLDER01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all,

Surfing several QRP-related websites I now and then read about the often used Minilogs. The Wilderness website didn't give me the answer, but why are they so popular. Only because they are small?

Can anyone mail me a picture (jpg/gif/bmp....) of his callbook to determine if it's interesting for me also? There should be extra info on the cover or inside????

Thanks,

72.....Carel
pa0cmu@amsat.org


```

/          |
          <--- this part rests on the
              SMD you are installing

```

In practice, the downward bend of the "tail" is much more shallow than I can represent it in this message. It's only something like a 10 degree bend, or so. Also, the middle part of the tail is bent in a lot so that it doesn't touch the work surface. You only want the very tips of the "wings" to touch the work surface.

The whole thing has a footprint of something like 5" x 5", so it's not very big. It's only 1" tall, too.

Maybe I didn't make this clear earlier, but I use this to hold the part in place between the tip of the tool and the circuit board, with the circuit board lying flat on the work surface. I wouldn't dream of trying to work in a PC board vise with surface mount... too much risk of something falling and bouncing.

Maybe I need a name for this tool... somehow "doofus" just doesn't sing. Should I bring the prototype to FDIM and let you all judge for yourself?

lil' ole' toolmaker me,

Mahlon - N4EEE

K4YBB@aol.com
05/01/2000 06:06 PM GMT

To: Mahlon R. Haunschild@Andersen Consulting
cc:
Subject: Re: KITS: goofy-lookin' goose-shaped SMD holder-downer doofus

Help Please, I've been looking but I guess in aall the wrong places. Where do I find the instructions to build "DOOFUS"??? Please!

72 Jim K4YBB

Date: Mon, 01 May 2000 15:20:11 -0400
From: Michael C Boatright <ko4wx@mindspring.com>
To: qrp-1@Lehigh.EDU
Subject: [69160] Re: SML Question/QRPTTF short Report
Message-ID: <390DD8EB.9F3E002B@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jeff,

W/ regards to question #1, that's where the term "zero beat" comes from. Tune the receiver until you get the tone you want from the calling station. Then tune the transmitter such that when his signal and your's combine there is no warble, that is, they are on the same audio frequency, and have no mixing products, i.e. "zero beat."

72 de Mike, K04WX

--
Mike Boatright, K04WX
Assistant Section Emergency Coordinator,
GA Section Amateur Radio Emergency Service

A rock pile ceases to be a rock pile the moment a single man contemplates it, bearing within him the image of a cathedral.
Antoine de Saint-Exupery

Date: Mon, 1 May 2000 15:34:14 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69161] RE: Cheap picture of my goofy-lookin' goose-shaped SMD holder-downer doofus
Message-ID: <125490A005E3D3118C9C00805FC743CC3E1B54@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

For info on using surface-mount components, see:

<http://www.arrl.org/tis>. Click on the TIS pages then the surface-mount page under Construction Techniques. (More construction techniques pages are work in progress.)

If memory serves, there is an article in progress on a similar SMT holder.

73, Ed Hare, W1RFI

Date: Mon, 1 May 2000 15:43:33 -0400
From: "Jim McKinley" <flyable@starpower.net>
To: <NoVaQRP@topica.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [69162] new ideas??
Message-ID: <000701bfb3a5\$8a44be80\$0771fea9@oemcomputer>

A few months ago I thought I saw a subject line on QRP-L for new ideas. Someone asked if anyone had something they would like to see come down the road that had not been done yet. With all the interest in rtty, psk-31 and other digital modes using a computers sound card I thought an interface kit might be of interest especially with the qrp and psk-31 matchup.

Jim WD40JY
Manassas, VA

Date: Mon, 1 May 2000 16:15:00 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: <qrp-l@Lehigh.EDU>
Subject: [69163] QRPTTF, class act & great job to all
Message-ID: <000601bfb3a9\$ede7ce60\$0201a8c0@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This year I was not able to get out to the field as I have done a couple of times in the past and had a great time. We have many places to set up here in MI.

This year due to being sick the weekend before I had some honey dews that I could not overlook. Since the base station was already setup and

in passing I could jump on a work a little and jump off. This seemed to be the best solution for this contest.

I was impressed with signals that I heard. I am sure I was hearing K2s, SMTs and various other types of rigs. The noise levels were up a little on 40 meters and I had to turn up the gain a bit on the TS 520. On the whole the signals were outstanding and easy to pick from the background levels. I did not hear chirps, flutter, or clicks from any signals. This shows what level of quality these little rigs have evolved to. We must forget the builders of the kits, sorry!

As far as a group I could not say enough about the operating manners, quick exchanges of information, and the general class of the CW operators. No one was stepping on the other, signals were spaced out quite nicely. This is the way of things in the CW parts of the band.

It is great to be associated with this group of operators. Great job guys, enjoy the hobby, and spread the word. CW is alive and well! By the way I ended up with seven contacts overall, but will do better next year, maybe I can double my Qs <14 LOL>?

73,
Chuck AA8VS
MI-QRP #M1212
QTH Canton, MI

Date: Mon, 1 May 2000 16:17:09 -0400
From: tailfeathers@juno.com
To: grudin@vdbb.com
Cc: qrp-1@Lehigh.EDU
Subject: [69164] Re: SML Question
Message-ID: <20000501.161712.-4065519.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

OK here goes...I read this post below mine and didn't see any responses to his question. (This should have been responded to on the list) I kinda was wondering the same thing but within 3 khz I figured it wouldn't take to long to get the hang of it. Anyway after getting my SMK-1 up and running I found out real quick that you could zero beat your own signal

1/2 inch away!!! (And not even blow it up...very cool) Once you zero beat your own signal I'm assuming that you can adjust your transmit up until you have about 800 hz and thats where you will want to be to hear anyone responding to you. I would guess that you will have to always zero beat your own signal to know where you are at. Its so low power that my opto freq counter won't pick up the output frequency. It does have output as seen on a standard watt meter though...

Thanks Gary

n8gsj

On Sun, 30 Apr 2000 23:36:37 -0700 Jeff Grudin <grudin@vdb.com> writes:
1. Ok, I have built the SMK and it receives and it transmits, but what I don't really understand is how you tune the transmitter and receiver independently and figure out where you are. For example, I hear a station and tune him in on the recvr, how do I know where to set the transmitter so he can hear me? And of course, I set the transmitter to call CQ, how do I know where to set the receiver to hear someone come back?

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 1 May 2000 14:21:03 +0100

From: n4so@juno.com

To: qrp-1@Lehigh.edu

Subject: [69165] Request SMK-1 contacts

Message-ID: <20000501.142111.-257295.6.N4S0@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Will listen for SMK contacts on 7039/7040

Any sked times?

Ken Brown, N4SO

Mobile, AL EM50tk

NorCal-20 at 5 watts

4 element yagi

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 1 May 2000 16:55:07 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: n4so@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69166] [QRP-L HOCKEY] Re: Request SMK-1 contacts
Message-ID: <Pine.OSF.4.21.0005011651250.4330-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I will be on SMK freqs tonight between periods of the Colorado/Detroit hockey playoff game. Check ESPN for official W8KC peration times.

Hey... I've got my priorities...

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Mon, 1 May 2000 16:57:46 -0400
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: "Monte Stark" <ku7y@dri.edu>
Cc: <qrp-L@LeHigh.EDU>
Subject: [69167] RE: SIX METERS AND QRP !!!
Message-ID: <00cf01bfb3b1\$fd543200\$04000a0a@user>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi amigo !!!

GOOD QUESTION, which I am answering to you , but also sending to the QRP-L as the 50 megaHertz or 6 meter MAGIC BAND, is the IDEAL ENVIRONMENT for QRP, due to the fact that IONOSPHERIC ABSORPTION around 50 mHZ is extremely LOW !!!

So here is Arnie Coro's advice to those interested in working 6 meters DX mostly via SPORADIC E, but that also applies for F2 propagation , if you disregard the part about "short skip".

HOW TO FIND WHEN 6 METERS IS "" OPEN ""

By Arnie Coro

C02KK

Do what everyone seems to do..., after a long period of learning...save time and use the ""know-how"" adquired by us long time 6 meter operators (I made my first QSO on 6 meters way back in 1959 ... 16 November to be exact, via F2 , with someone in Pomona, California, using AM mode and a 10 watt homebrew rig that whipped all TV's in several blocks around my QTH ... but well that's another story HI HI ...)

This is the HOW TO ...

1. Monitor 50.125 kHz if you have a rig that does not scan frequencies. The 50.125 is the most popular calling frequency in North America. Eventually you will like to call CQ DX there from time to time... to make your contribution to the RF activity... if NO ONE CALLS CQ, it is difficult to know when the band is open !!!!! and 50.125 is the number one frequency to call CQ, with a second CQ a good idea on 50.110 kHz.

2. If your receiver has memories, and the memories can be scanned , then you program the following frequencies

1. 50.125 kHz (calling 1 of North America)
2. 50.110 kHz (DX transcontinental calling)
3. 50.200 kHz (also used as calling freq in North America)
4. ???? you must find a list of 6 meter band beacons , and proceed to program their frequencies on your memories...

For example, there is a beacon in Mexico City... let's say it is 50.070 kHz so

you program this one on memory 4, and proceed to program other beacon's frequencies to as many memories as your rig can scan...

If your rig has the ability to scan a segment of 6, say from 50.00 to 50.200 kHz, then by all means use that scanning mode... (wish I had one that will do this , as my old analog SB110A by Benton Harbor's Heathkit can only sit down and wait on 50.125 kHz and it is nice that it is alive after more than 30 + years of service !!!

NOW... if you happen to have an OLD SCANNER... then you can program memories of the scanner to well known 40 to 50 megaHertz frequencies that will show up a rising MUF (maximum useable frequency) as it moves UP !!!

Then , you can add MONITORING TV CHANNELS 2 or 3 or 4, whichever has the weakest signal at your location... Use old but , in good condition, TV set, connected to a wide band antenna (my VHF TTFD, published in the now defunct

CQ-VHF is the "" ideal"" antenna for this purpose... I keep an old russian TV (black and white) monitoring TV ch 2... when the local ch 2 is on the air, I look for the venetian blinds co-channel stations beating with the local visual carrier, and when it is not on the air, then you pick up at least horiz sync when the band starts to open...

The TV receiving antenna is oriented so that the local or near local ch.2 generates the weakest possible signal.... that's the way that you will maximize your chances of seeing the venetian blinds from the TV stations that are coming to the antenna via Sporadic E

Ch 2 TV audio on 59.75 Mhz is an excellent indicator of 6 meter openings... if you find one of those Rat Shack radios that pick up TV audio ... See, there are many options

F2 layer propagation indicators are a bit more sophisticated... this involves monitoring TV stations outside the Americas that use 48 mHz or 49 mHz video carriers, and their monitoring has developed in a "science by itself", that is out of the coverage of this very modest contribution to the "witchcraft... of finding out when 6 meters is open".

Last but not least... the other amateur bands are a good way of learning about the state of the ionosphere... i.e SHORT SKIP on 20, 17, 15 , 12 or 10 meters is a surefire indicator of SPORADIC E clouds ready to make 6 meters work !!!

Hope this helps, and encourages you Mr. Stark and other milestones of QRP to start enjoying 6 meters...

AND... why not... EH !!!! why not have one or two of our designer GURUS... yes

the GURUS are ours, as we own them as part of the QRP-L) and then have NORCAL or NJQRP or ???? design a KIT ...

YES !!! A SIX METER CW TRANSCEIVER... say 5 watts... with sensitive receiver...

It could be put to very good use during the upcoming F2 propagation peak expected to start by late August or early September....

SO, there is not much time LEFT !!!!

72 and DX
Arnie Coro
C02KK

Date: Mon, 1 May 2000 15:14:25 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>
Subject: [69168] Re: <http://www.qsl.net> web pages
Message-ID: <Pine.LNX.3.95.1000501151233.4486A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've been trying to get into my web page on "qsl.net", as well as other amateur's web pages there but no go....anyone know anything?....tnx...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 1 May 2000 17:19:53 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <rattray@gpfn.sk.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [69169] RE: <http://www.qsl.net> web pages
Message-ID: <CKEGICNFDIMCEKEDCEHFEECDAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

I'd say it's down at the moment Bruce... I ALWAYS get right in... and 2 tries didn't.

73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)

website: <http://www.qsl.net/n4xy/>

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
> Bruce Rattray
> Sent: Monday, May 01, 2000 5:14 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: <http://www.qsl.net> web pages
>
>
> I've been trying to get into my web page on "qsl.net", as well as other
> amateur's web pages there but no go....anyone know anything?....tnx...
>
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
> A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -

> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
>
>

Date: Mon, 1 May 2000 17:24:33 EDT
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [69170] No response??
Message-ID: <75.38b0af7.263f5011@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
Last night I made a post requesting info on the ZM-2 Emtech tuner.
Out of all the Emtech tuner owners out there NOT 1 response came in.
All I want to know is the range of the tuner before the LED comes on or the
frequency range before you should retune.
Bob
WA2HOQrp <tm>

Date: Mon, 1 May 2000 23:07:14 -0500
From: "Lynn Simons" <lynnsimons@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69171] Re: FS QRP RIG
Message-ID: <001101bfb3eb\$e693de00\$ce80aec7@lynnsimons>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Guys,

I have a Heath HW-9 with the WARC bands for sale. It works great. The price
is \$300.

72,

Lynn, KJ3V

Date: Mon, 1 May 2000 23:09:36 -0500
From: "Lynn Simons" <lynnsimons@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69172] Great Britain QSL Bureau address
Message-ID: <001501bfb3ec\$3b0b18e0\$ce80aec7@lynnsimons>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Guys,

Does anyone have the address for the Great Britain QSL Bureau? Or does anyone know a web site that lists the QSL Bureau addresses?

TIA

72,

Lynn, KJ3V

Date: Mon, 01 May 2000 17:17:34 -0500
From: Randy & Cara Randall <crrandal@seidata.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69173] SMK-1 NJQRP case where are they?
Message-ID: <390E027E.3C8F5FB7@seidata.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was wondering when the enclosure kits would ship. Anyone heard?
If there was an announcement here I missed it.
I want to finish my kit!
Thanks,
Randy KB8ASO

Date: Mon, 01 May 2000 15:23:41 PDT
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [69174] Re: Sound card help
Message-ID: <20000501222341.66777.qmail@hotmail.com>

Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The main idea is that you want a sound card that will just record samples and play them back. No echo, no 3D, none of that junk. This translates to the cheapest, nastiest, crummiest sound card you can find.

SoundBlaster 16 is good. Clones thereof are good. Crystal chipsets work well too. I had no difficulty making a CMI8330 SoundPro chip work under Windoze, but gave up on it under Linux and bought a really cheap CS4232-based sound card instead.

One potential gotcha: the sort of sound card you want may plug into an ISA slot. New motherboards do not generally come with these - PCI and AGP only. New soundcards will generally be plug-and-pray. No more messing with IRQs and I/O addresses. Hooray!

Laura Halliday VA3LDH/7 "Que les nuages soient notre
Grid: CN89mg pied a terre..."
 - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Mon, 01 May 2000 18:25:06 EDT
From: n5ib@juno.com
To: mahlon.r.haunschild@ac.com, qrp-1@Lehigh.edu
Subject: [69175] Re: Cheap picture of my goofy-lookin' goose-shaped SMD holder-downer doofus
Message-ID: <20000501.172244.4655.0.N5IB@juno.com>

On Mon, 1 May 2000 14:14:31 -0500 mahlon.r.haunschild@ac.com writes:
>Jim asked me for a picture of my SMD soldering tool. Maybe I need a name for this tool... somehow "doofus" just doesn't sing. Should I bring the prototype to FDIM and let you all judge for yourself?
>Mahlon - N4EEE
>
>Help Please, I've been looking but I guess in aall the wrong places.
>Where doI find the instructions to build "D00FUS"??? Please!
>72 Jim K4YBB

Well, gang, after I read Mahlon's last post I realized I hadn't at all

come close enough to capture the full flavor and charm of his creation.
But, look at <<http://www.qsl.net/n5ib>> and go to the SMT page for my
crude rendition - just call it "el doofino" - the little doofus.

And Mahlon, I think you've christened it good and proper - "doofus" it
shall remain at least in my mind. If I were you I'd make up doofus kits
to bring to FDIM - wish I could be there.

72 all
Jim N5IB

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 01 May 2000 17:33:37 -0500
From: "Maddog 'n' Miracles" <maddog@io.com>
To: AQRP@onelist.com, qrp-1@Lehigh.edu
Subject: [69176] SMK-11 - I did it!
Message-ID: <4.3.1.1.20000501172401.00af7230@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

First QSO using the SMK-1, running about 130 mW using a worn 9V battery
(couldn't wait for the cabinet): Steve, W5LXG, about 150 miles (as the
crow flies), gave me a 439 report, while I reported 579 to his 5W. After
about 10 minutes, I qro'd to 5W whereupon he gave me a 589, and we
completed with an hour-long QSO.

Ain't this QRP stuff a hoot?

72,
monty N5FC

* Monty Northrup * "There is no way to peace: * \ (**)
* Carolyn Blankenship * peace IS the way." * /^^^^^^) ~
* maddog@io.com * <http://www.io.com/~maddog/> * /^^/^^/^^/ \

Date: Mon, 1 May 2000 18:48:23 EDT
From: W8IRQ@aol.com
To: qrp-l@lehigh.edu
Subject: [69177] FS K2
Message-ID: <30.483f98d.263f63b7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Equiped with SSB, NB,160M adapter, and ATU. First \$1000.00 gets it. Nick,
W8IRQ

End of QRP-L Digest 1808
